

Best Practice Components BMW Group

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ATTENTION!

The technology-specific release lists must be observed



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1 Change journal

Version	Date	Type of change	Page
1.0	2011-09-23	Re-creation of release list	All
2.0	2015-06-12	Re-creation of release list	All
2.1	2016-06-02	Complete revision	18 - 63
2.2	2016-08-02	MLC 500 sorted, 68003310 added	37 - 64
3.0	2016-12-12	Information fields (red) removed	All
3.0	2016-12-12	MLC 510 and 500 with 30mm resolution removed	All
3.0	2017-01-11	ODS10L1.8/L6X added	
3.0	2017-01-11	Devices with IO-Link indicated accordingly	
3.1	2017-02-08	520160 AC-SCM8U (substitute)	
3.1	2017-03-14	DDLS 548i 120.3 L 50134429 (substitute) DDLS 548i 120.4 L 50134430 (substitute) KB JST-HS-300 50113397 KB 232-2 IT190x 50115105 IT 1300g-2 50116864 MS 304 50116470 BPS 304i SM 100 50125676 articles added	
3.1	2017-03-14	MLC510-14-1800-SB10 MLC510-14-1200-1650-SB10 AC-SCM8U prices updated	
3.1	2017-04-12	BCL 548i SN 100 50113185 BCL 548i SM 100 50113189 BCL 548i SF 100 50113197 articles removed	
3.3	2019-07-31	Article sortiment updated	
3.4	2020-03-19	Article sortiment updated	
3.5	2023-07-18	Article sortiment updated	various pages

2 Notes

2.1 General information

Leuze electronic GmbH + Co. KG assumes no liability for the currentness of this release or for the correctness of the technical data.

3 Product overview

3.1 Switching sensors

3.1.1 Photoelectric sensors / Diffuse sensors

Retro-reflective photoelectric sensors on reflector			
Part no.	Article	Description	Link
50115689	PRKL 8/24.99-S12 	Polarized retro-reflective photoelectric sensor Special design: Autocollimation Operating range limit: 0 ... 14 m Light source: Laser, Red Protection class: 1 Supply voltage: 10 ... 30 V, DC Digital switching outputs: 2 Piece(s) Switching output 1: Transistor, PNP, Light switching Switching output 2: Transistor, NPN, Light switching Switching frequency: 2,800 Hz Connection: Connector, M12, Metal, 5 -pin, Turning, 90° Design, housing: Cubic Dimensions: 15 mm x 48 mm x 38 mm Housing material: Metal Operational controls: Multiturn potentiometer Ambient temperature, operation: -10 ... 40 °C Degree of protection: IP 67, IP 69K Net weight: 70 g	Link

Retro-reflective photoelectric sensors on reflector			
Part no.	Article	Description	Link
50117704	PRK5/4P-200-M12 	Polarized retro-reflective photoelectric sensor Operating range limit: 0.02 ... 6 m Light source: LED, Red Supply voltage: 10 ... 30 V, DC Digital switching outputs: 2 Piece(s) Switching output 1: Transistor, PNP, Light switching Switching output 2: Transistor, PNP, Dark switching Switching frequency: 500 Hz Connection: Cable with connector, 200 mm, M12, Plastic, 4 -pin Design, housing: Cubic Dimensions: 14 mm x 32.5 mm x 20.2 mm Housing material: Plastic Ambient temperature, operation: -40 ... 60 °C Degree of protection: IP 67 Net weight: 40 g	Link

Retro-reflective photoelectric sensors on reflector			
Part no.	Article	Description	Link
50134271	PRK25C.A/4P-M12 	Polarized retro-reflective photoelectric sensor Special design: Autocollimation Operating range limit: 0 ... 6 m Light source: LED, Red Supply voltage: 10 ... 30 V, DC Digital switching outputs: 2 Piece(s) Switching output 1: Transistor, PNP, Light switching Switching output 2: Transistor, PNP, Dark switching Switching frequency: 1,500 Hz Connection: Connector, M12, PUR, 4 -pin Design, housing: Cubic Dimensions: 15 mm x 42.7 mm x 30 mm Housing material: Plastic Ambient temperature, operation: -40 ... 60 °C Degree of protection: IP 67, IP 69K Net weight: 22 g	Link

Retro-reflective photoelectric sensors on reflector			
Part no.	Article	Description	Link
50134275	PRK25C.A/2N-M12 	Polarized retro-reflective photoelectric sensor Special design: Autocollimation Operating range limit: 0 ... 6 m Light source: LED, Red Supply voltage: 10 ... 30 V, DC Digital switching outputs: 2 Piece(s) Switching output 1: Transistor, NPN, Light switching Switching output 2: Transistor, NPN, Dark switching Switching frequency: 1,500 Hz Connection: Connector, M12, PUR, 4 -pin Design, housing: Cubic Dimensions: 15 mm x 42.7 mm x 30 mm Housing material: Plastic Ambient temperature, operation: -40 ... 60 °C Degree of protection: IP 67, IP 69K Net weight: 22 g	Link

Retro-reflective photoelectric sensors on reflector			
Part no.	Article	Description	Link
50134279	PRK25C/4P-M12 	Polarized retro-reflective photoelectric sensor Operating range limit: 0.05 ... 12 m Light source: LED, Red Supply voltage: 10 ... 30 V, DC Digital switching outputs: 2 Piece(s) Switching output 1: Transistor, PNP, Light switching Switching output 2: Transistor, PNP, Dark switching Switching frequency: 1,500 Hz Connection: Connector, M12, PUR, 4 -pin Design, housing: Cubic Dimensions: 15 mm x 42.7 mm x 30 mm Housing material: Plastic Ambient temperature, operation: -40 ... 60 °C Degree of protection: IP 67, IP 69K Net weight: 22 g	Link

Retro-reflective photoelectric sensors on reflector			
Part no.	Article	Description	Link
50138062	HT110L1.3/L6 T-M12 	Application: Compartment fine positioning, Danger zone guarding, Push-through protection in pallet warehouse Special version: 2 independent switching outputs Operating range limit: 0 ... 5 m Light source: Laser, Red Protection class: 1 Supply voltage: 18 ... 30 V, DC Digital switching outputs: 2 Piece(s) Switching output 1: Transistor, Push-pull, IO-Link / light switching (PNP)/dark switching (NPN) Switching output 2: Transistor, Push-pull, Light switching (PNP)/dark switching (NPN) Switching frequency: 500 Hz Interface: IO-Link Connection: Connector, M12, Plastic, 5 -pin, Turning, 90° Design, housing: Cubic Dimensions: 23 mm x 50 mm x 50 mm Housing material: Plastic Operational controls: PC software, Control buttons Ambient temperature, operation: -40 ... 60 °C Degree of protection: IP 67, IP 69K Net weight: 42 g eCl@ss 9.0: 27270904 Customs tariff number: 90318080	Link

Retro-reflective photoelectric sensors on reflector			
Part no.	Article	Description	Link
50139656	PRK25CL1.1/4 P-M12 	Polarized retro-reflective photoelectric sensor Operating range limit: 0.15 ... 25 m Light source: Laser, Red Protection class: 1 Shift angle: Typ. $\hat{\Delta} \pm 1.5^\circ$ Supply voltage: 10 ... 30 V, DC Digital switching outputs: 2 Piece(s) Switching output 1: Transistor, PNP, Light switching Switching output 2: Transistor, PNP, Dark switching Switching frequency: 2,500 Hz Connection: Connector, M12, PUR, 4 -pin Design, housing: Cubic Dimensions: 15 mm x 42.7 mm x 30 mm Housing material: Plastic Operational controls: 270° potentiometer Ambient temperature, operation: -40 ... 60 °C Degree of protection: IP 67, IP 69K Net weight: 22 g	Link

Retro-reflective photoelectric sensors on reflector			
Part no.	Article	Description	Link
50127012	PRK46C/4P-M12 	Polarized retro-reflective photoelectric sensor Operating range limit: 0.1 ... 30 m Light source: LED, Red Supply voltage: 10 ... 30 V, DC Digital switching outputs: 2 Piece(s) Switching output 1: Transistor, PNP, Light switching Switching output 2: Transistor, PNP, Dark switching Switching frequency: 500 Hz Connection: Connector, M12, Plastic, 4 -pin Design, housing: Cubic Dimensions: 20.5 mm x 76.3 mm x 44 mm Housing material: Plastic Ambient temperature, operation: -40 ... 60 °C Degree of protection: IP 67, IP 69K Net weight: 60 g	Link

Retro-reflective photoelectric sensors on object			
Part no.	Article	Description	Link
50129537 	HT10L1.3/69-M12 	Diffuse sensors with background suppression Application: Compartment fine positioning, Exact object positioning, Push-through protection in pallet warehouse Special design: Deactivation input, 2 independent switching points Operating range limit, white 90%: 0.05 ... 8 m Light source: Laser, Red Protection class: 1 Supply voltage: 18 ... 30 V, DC Deactivation inputs: 1 Piece(s) Digital switching outputs: 2 Piece(s) Switching output 1: Transistor, Push-pull, IO-Link / light switching (PNP)/dark switching (NPN) Switching output 2: Transistor, Push-pull, Light switching (PNP)/dark switching (NPN) Switching frequency: 40 Hz Interface: IO-Link Connection: Connector, M12, Plastic, 5 -pin Design, housing: Cubic Dimensions: 25 mm x 65 mm x 55 mm Operational controls: Membrane keyboard Ambient temperature, operation: -40 ... 50 °C Degree of protection: IP 67 Net weight: 70 g	Link

Retro-reflective photoelectric sensors on object			
Part no.	Article	Description	Link
50106085	HRTR 318K/66-120-S12 	Diffuse sensors with background suppression Operating range limit, white 90%: 0.001 ... 0.14 m Light source: LED, Red Supply voltage: 10 ... 30 V, DC Digital switching outputs: 2 Piece(s) Switching output 1: Transistor, Push-pull, Light switching (PNP)/dark switching (NPN) Switching output 2: Transistor, Push-pull, Dark switching (PNP)/light switching (NPN) Switching frequency: 1,000 Hz Connection: Connector, M12, Plastic, 4 -pin Thread size: M18 Dimensions: 18 mm x 50 mm Housing material: Plastic Operational controls: 270° potentiometer Ambient temperature, operation: -25 ... 65 °C Degree of protection: IP 67 Net weight: 20 g	Link

Retro-reflective photoelectric sensors on object			
Part no.	Article	Description	Link
50102705	HRTL 8/66-350-S12 	Diffuse sensor with background suppression Operating range limit, white 90%: 0.007 ... 0.4 m Light source: Laser, Red Protection class: 2 Supply voltage: 10 ... 30 V, DC Digital switching outputs: 2 Piece(s) Switching output 1: Transistor, Push-pull, Light switching (PNP)/dark switching (NPN) Switching output 2: Transistor, Push-pull, Dark switching (PNP)/light switching (NPN) Switching frequency: 2,000 Hz Connection: Connector, M12, Metal, 5 -pin, Turning, 90° Design, housing: Cubic Dimensions: 15 mm x 48 mm x 38 mm Housing material: Metal Operational controls: Multiturn potentiometer Ambient temperature, operation: -10 ... 40 °C Degree of protection: IP 67, IP 69K Net weight: 70 g	Link

Retro-reflective photoelectric sensors on object			
Part no.	Article	Description	Link
50036350	HRTR 8/44-350-S12 	Diffuse sensor with background suppression Operating range limit, white 90%: 0.007 ... 0.4 m Light source: LED, Red Supply voltage: 10 ... 30 V, DC Digital switching outputs: 2 Piece(s) Switching output 1: Transistor, PNP, Light switching Switching output 2: Transistor, PNP, Dark switching Switching frequency: 1,000 Hz Connection: Connector, M12, Metal, 5 -pin, Turning, 90° Design, housing: Cubic Dimensions: 15 mm x 48 mm x 38 mm Housing material: Metal Operational controls: Multiturn potentiometer Ambient temperature, operation: -40 ... 60 °C Degree of protection: IP 67, IP 69K Net weight: 70 g	Link

Retro-reflective photoelectric sensors on object			
Part no.	Article	Description	Link
50115688	HRTL 8/66.09-150-S12 	Diffuse sensors with background suppression Operating range limit, white 90%: 0.025 ... 0.2 m Light source: Laser, Red Protection class: 1 Supply voltage: 10 ... 30 V, DC Digital switching outputs: 2 Piece(s) Switching output 1: Transistor, Push-pull, Light switching (PNP)/dark switching (NPN) Switching output 2: Transistor, Push-pull, Dark switching (PNP)/light switching (NPN) Switching frequency: 2,000 Hz Connection: Connector, M12, Metal, 5 -pin, Turning, 90° Design, housing: Cubic Dimensions: 15 mm x 48 mm x 38 mm Housing material: Metal Ambient temperature, operation: -10 ... 40 °C Degree of protection: IP 67, IP 69K Net weight: 70 g	Link

Retro-reflective photoelectric sensors on object			
Part no.	Article	Description	Link
50134215	HT25C/4P-M12 	Diffuse sensor with background suppression Operating range limit: 0 ... 1.2 m Light source: LED, Red Supply voltage: 10 ... 30 V, DC Digital switching outputs: 2 Piece(s) Switching output 1: Transistor, PNP, Light switching Switching output 2: Transistor, PNP, Dark switching Switching frequency: 1,000 Hz Connection: Connector, M12, PUR, 4 -pin Design, housing: Cubic Dimensions: 15 mm x 42.7 mm x 30 mm Housing material: Plastic Operational controls: Multiturn potentiometer Ambient temperature, operation: -40 ... 60 °C Degree of protection: IP 67, IP 69K Net weight: 22 g	Link

Retro-reflective photoelectric sensors on object			
Part no.	Article	Description	Link
50139619	HT25C.XL/4P-M12 	Diffuse sensor with background suppression Special version: Extra long light spot (XL) Operating range limit: 0 ... 0.6 m Light source: LED, Red Shift angle: Typ. $\pm 2^\circ$ Supply voltage: 10 ... 30 V, DC Digital switching outputs: 2 Piece(s) Switching output 1: Transistor, PNP, Light switching Switching output 2: Transistor, PNP, Dark switching Switching frequency: 1,000 Hz Connection: Connector, M12, PUR, 4 -pin Design, housing: Cubic Dimensions: 15 mm x 42.7 mm x 30 mm Housing material: Plastic Operational controls: Multiturn potentiometer Ambient temperature, operation: -40 ... 60 °C Degree of protection: IP 67, IP 69K Net weight: 22 g	Link

Retro-reflective photoelectric sensors on object			
Part no.	Article	Description	Link
50127048	HT46C/4P-M12 	Diffuse sensors with background suppression Operating range limit: 0.005 ... 3 m Light source: LED, Red Supply voltage: 10 ... 30 V, DC Digital switching outputs: 2 Piece(s) Switching output 1: Transistor, PNP, Light switching Switching output 2: Transistor, PNP, Dark switching Switching frequency: 250 Hz Connection: Connector, M12, Plastic, 4 -pin Design, housing: Cubic Dimensions: 20.5 mm x 76.3 mm x 44 mm Housing material: Plastic Operational controls: Multiturn potentiometer Ambient temperature, operation: -40 ... 60 °C Degree of protection: IP 67, IP 69K Net weight: 60 g	Link

Retro-reflective photoelectric sensors on object			
Part no.	Article	Description	Link
50132617	HT46CI.01/4X-200-M12 	Diffuse sensor with background suppression Application: Reliable switching when reflective tape present in background Special design: AS-Interface, connection via coupling module Operating range limit: 0.005 ... 1.5 m Light source: LED, Infrared Supply voltage: 10 ... 30 V, DC Digital switching outputs: 1 Piece(s) Switching output 1: Transistor, PNP, Light switching Switching frequency: 250 Hz Connection: Cable with connector, 200 mm, M12, Plastic, 4 -pin Design, housing: Cubic Dimensions: 20.5 mm x 76.3 mm x 44 mm Housing material: Plastic Operational controls: Multiturn potentiometer Ambient temperature, operation: -40 ... 60 °C Degree of protection: IP 69K, IP 67 Net weight: 65 g	Link

Retro-reflective photoelectric sensors on object			
Part no.	Article	Description	Link
50147740	HT46CL1.XR/ 4P-M12 	Diffuse sensor with background suppression Operating range limit: 0.05 ... 1.2 m Light source: Laser, Red Protection class: 1 Supply voltage: 10 ... 30 V, DC Digital switching outputs: 2 Piece(s) Switching output 1: Transistor, PNP, Light switching Switching output 2: Transistor, PNP, Dark switching Switching frequency: 1,000 Hz Connection: Connector, M12, Plastic, 4 -pin Design, housing: Cubic Dimensions: 20.5 mm x 76.3 mm x 44 mm Housing material: Plastic Operational controls: Multiturn potentiometer Ambient temperature, operation: -40 ... 60 °C Degree of protection: IP 69K, IP 67 Net weight: 60 g eCl@ss 9.0: 27270904 Customs tariff number: 85365019	Link

Throughbeam photoelectric sensors			
Part no.	Article	Description	Link
50139688	LS25C/XX-M12 	Throughbeam photoelectric sensor transmitter Operating range limit: 0 ... 30 m Light source: LED, Red Supply voltage: 10 ... 30 V, DC Connection: Connector, M12, PUR, 4 -pin Design, housing: Cubic Dimensions: 15 mm x 42.7 mm x 30 mm Housing material: Plastic Ambient temperature, operation: -40 ... 60 °C Degree of protection: IP 69K, IP 67 Net weight: 22 g	Link
50127042	LS46C-M12 	Throughbeam photoelectric sensor, transmitter Operating range limit: 0 ... 150 m Light source: LED, Red Supply voltage: 10 ... 30 V, DC Connection: Connector, M12, Plastic, 4 -pin Design, housing: Cubic Dimensions: 20.5 mm x 76.3 mm x 44 mm Housing material: Plastic Ambient temperature, operation: -40 ... 60 °C Degree of protection: IP 67, IP 69K Net weight: 60 g	Link

Throughbeam photoelectric sensors			
Part no.	Article	Description	Link
50083172	LSSL 318M-S12 	Throughbeam photoelectric sensor, transmitter design: Deactivation input Operating range limit: 0 ... 18 m Light source: Laser, Red Protection class: 1 Supply voltage: 10 ... 30 V, DC Connection: Connector, M12, Plastic, 4 -pin Design, housing: Cylindrical Thread size: M18 Dimensions: 18 mm x 50 mm Housing material: Stainless steel Operational controls: 270° potentiometer Ambient temperature, operation: -25 ... 60 °C Degree of protection: IP 67 Net weight: 60 g	Link

Throughbeam photoelectric sensors			
Part no.	Article	Description	Link
50083176	LSEL 318M/P-S12 	Throughbeam photoelectric sensor, receiver Supply voltage: 10 ... 30 V, DC Digital switching outputs: 2 Piece(s) Switching output 1: Transistor, PNP, Light switching Switching output 2: Transistor, PNP, Dark switching Switching frequency: 5,000 Hz Connection: Connector, M12, Plastic, 4 -pin Thread size: M18 Dimensions: 18 mm x 50 mm Housing material: Stainless steel Ambient temperature, operation: -25 ... 60 °C Degree of protection: IP 67 Net weight: 60 g Matching 50083172	Link
50116853	LS318B/9D-M12 	Throughbeam photoelectric sensor transmitter design: Deactivation input Operating range limit: 0 ... 15 m Light source: LES. red Supply voltage: 10 ... 30 V, DC Connection: Connector, M12, Plastic, 4 -pin Design, housing: Cylindrical Thread size: M18 Dimensions: 18 mm x 46 mm Housing material: Plastic, ABS Ambient temperature, operation: -40 ... 60 °C Degree of protection: IP 67 Net weight: 20 g	Link

Throughbeam photoelectric sensors			
Part no.	Article	Description	Link
50139695	LE25C/4P-M12 	Throughbeam photoelectric sensor receiver Operating range limit: 0 ... 30 m Supply voltage: 10 ... 30 V, DC Digital switching outputs: 2 Piece(s) Switching output 1: Transistor, PNP, Light switching Switching output 2: Transistor, PNP, Dark switching Switching frequency: 1,500 Hz Connection: Connector, M12, PUR, 4 -pin Design, housing: Cubic Dimensions: 15 mm x 42.7 mm x 30 mm Housing material: Plastic Ambient temperature, operation: -40 ... 60 °C Degree of protection: IP 69K, IP 67 Net weight: 22 g	Link

Throughbeam photoelectric sensors			
Part no.	Article	Description	Link
50116847	LE318B/4P-M12 	Throughbeam photoelectric sensor, receiver Operating range limit: 0 ... 15 m Supply voltage: 10 ... 30 V, DC Digital switching outputs: 2 Piece(s) Switching output 1: Transistor, PNP, Light switching Switching output 2: Transistor, PNP, Dark switching Switching frequency: 500 Hz Connection: Connector, M12, Plastic, 4 -pin Design, housing: Cylindrical Thread size: M18 Dimensions: 18 mm x 46 mm Housing material: Plastic Ambient temperature, operation: -40 ... 60 °C Degree of protection: IP 67 Net weight: 20 g Included in delivery contents: 1 St. BT318B-OM (Art.-Nr.: 50121904)	Link

Throughbeam photoelectric sensors			
Part no.	Article	Description	Link
50127033	LE46C/4P-M12 	Throughbeam photoelectric sensor, receiver Operating range limit: 0 ... 150 m Supply voltage: 10 ... 30 V, DC Digital switching outputs: 2 Piece(s) Switching output 1: Transistor, PNP, Light switching Switching output 2: Transistor, PNP, Dark switching Switching frequency: 500 Hz Connection: Connector, M12, Plastic, 4 -pin Design, housing: Cubic Dimensions: 20.5 mm x 76.3 mm x 44 mm Housing material: Plastic Ambient temperature, operation: -40 ... 60 °C Degree of protection: IP 67, IP 69K Net weight: 60 g	Link

Energetic diffuse sensors			
Part no.	Article	Description	Link
50083188	RTL 318M/P-300-S12 	Energetic diffuse sensor Operating range limit, white 90%: 0 ... 0.35 m Light source: Laser, Red Protection class: 2 Supply voltage: 10 ... 30 V, DC Digital switching outputs: 2 Piece(s) Switching output 1: Transistor, PNP, Light switching Switching output 2: Transistor, PNP, Dark switching Switching frequency: 5,000 Hz Connection: Connector, M12, Plastic, 4 -pin Design, housing: Cylindrical Thread size: M18 Dimensions: 18 mm x 50 mm Housing material: Stainless steel Operational controls: 270° potentiometer Ambient temperature, operation: -25 ... 60 °C Degree of protection: IP 67 Net weight: 60 g	Link

3.1.2 Forked sensors

Forked sensors			
Part no.	Article	Description	Link
50146164	GS04B/P.1-50-M8.3 	Forked photoelectric sensor Principle of physics: Optical Light source: LED, Red Supply voltage: 10 ... 30 V, DC Digital switching outputs: 1 Piece(s) Switching output: Transistor, PNP, Light/dark switchable Switching frequency: 5,000 Hz Connection: Connector, M8, 3 -pin Mouth width: 50 mm Mouth depth: 55 mm Dimensions: 10 mm x 70 mm x 80 mm Housing material: Metal, Diecast zinc Net weight: 96 g	Link

Forked sensors			
Part no.	Article	Description	Link
50146172	GS04B/P.1-220-M8.3 	Forked photoelectric sensor Principle of physics: Optical Light source: LED, Red Supply voltage: 10 ... 30 V, DC Digital switching outputs: 1 Piece(s) Switching output: Transistor, PNP, Light/dark switchable Switching frequency: 5,000 Hz Connection: Connector, M8, 3 -pin Mouth width: 220 mm Mouth depth: 110 mm Dimensions: 12 mm x 244 mm x 140 mm Housing material: Metal, Diecast zinc Net weight: 432 g	Link

Forked sensors			
Part no.	Article	Description	Link
50146176	GS04B/N.1-30-M8.3 	Forked photoelectric sensor Principle of physics: Optical Light source: LED, Red Supply voltage: 10 ... 30 V, DC Digital switching outputs: 1 Piece(s) Switching output: Transistor, NPN, Light/dark switchable Switching frequency: 5,000 Hz Connection: Connector, M8, 3 -pin Mouth width: 30 mm Mouth depth: 35 mm Dimensions: 10 mm x 50 mm x 60 mm Housing material: Metal, Diecast zinc Net weight: 68 g	Link

3.1.3 General accessories for photoelectric sensors

General accessories for photoelectric sensors			
Part no.	Article	Description	Link
50113548	BT D18M.5 	Mounting bracket Suitable for: Sensors with M18 design Diameter, inner: 18 mm Design of mounting device: Angle, L-shape Fastening, at system: Through-hole mounting Mounting bracket, at device: Screw type Type of mounting device: Rigid Material: Stainless steel	Link
50118542	BT 200M.5 	Mounting bracket Suitable for: 3B series sensors, 18 series sensors, 25B series sensors, 25C series sensors, 28 series sensors, 3C series sensors, 5 series sensors, 55 series sensors Design of mounting device: Angle, L-shape Fastening, at system: Through-hole mounting Mounting bracket, at device: Screw type, Suited for M3 screws Type of mounting device: Adjustable Material: Stainless steel	Link
50118543	BT 300M.5 	Mounting bracket Suitable for: 8 series sensors, 25C series sensors, 46B series sensors, 46C series sensors, ODS10, ODSL 9 Design of mounting device: Angle, L-shape Fastening, at system: Through-hole mounting Mounting bracket, at device: Screw type, Suited for M4 screws Type of mounting device: Adjustable Material: Stainless steel	Link

General accessories for photoelectric sensors			
Part no.	Article	Description	Link
50119323	BTU D12M.5-150 	Mounting system Suitable for: BTU D12M-D12-B090, BTU D12M-D12-A090 Design of mounting device: 12mm rod Fastening, at system: Clampable Mounting bracket, at device: Clampable Type of mounting device: Rigid Material: Stainless steel Net weight: 132 g	Link
50119324	BTU D12M.5-250 	Mounting system Suitable for: BTU D12M-D12-B090, BTU D12M-D12-A090 Design of mounting device: 12mm rod Fastening, at system: Clampable Mounting bracket, at device: Clampable Type of mounting device: Rigid Material: Stainless steel Net weight: 221 g	Link
50119333	BTU D12M-D12-B090 	Mounting system Suitable for: 12mm rod Design of mounting device: Mounting system Fastening, at system: For 12 mm rod, Through-hole mounting Mounting bracket, at device: Clampable Type of mounting device: Rigid, Clampable, Turning, 360° Material: Metal	Link

General accessories for photoelectric sensors			
Part no.	Article	Description	Link
50124651	BT 205M 	Mounting device set Contains: 10x Suitable for: 5 series sensors, 25B series sensors, 25C series sensors, 28 series sensors, 3B series sensors, 3C series sensors Design of mounting device: Angle, L-shape Fastening, at system: Through-hole mounting Mounting bracket, at device: Screw type Type of mounting device: Rigid Material: Metal Included in delivery: 10 pcs, 10 pcs.	Link
50117252	BTU 300M-D12 	Mounting system Contains: 2x M4 x 25 screw, 2x M4 x 20 screw, 4x position washers Suitable for: 8 series sensors, 10 series sensors, 25C series sensors, 46B series sensors, 46C series sensors, ODSL 9 Design of mounting device: Mounting system Fastening, at system: For 12 mm rod, Sheet-metal mounting Mounting bracket, at device: Screw type, Suited for M4 screws Type of mounting device: Clampable, Adjustable, Turning, 360° Material: Metal Included in delivery contents: 2x M4 x 25 screw, 2x M4 x 25 screw, 2x M4 x 20 screw, 4x position washers	Link

General accessories for photoelectric sensors			
Part no.	Article	Description	Link
50117825	BTP 300M-D14 	Mounting system Suitable for: 8 series sensors, 46B series sensors, ODSL 9 Design of mounting device: Protection hood Fastening, at system: For 14 mm rod Mounting bracket, at device: Screw type Type of mounting device: Clampable, Adjustable, Turning, 360° Material: Metal	Link
50117826	BTP 300M-D12 	Mounting system Suitable for: 8 series sensors, 46B series sensors, ODSL 9 Design of mounting device: Protection hood Fastening, at system: For 12 mm rod Mounting bracket, at device: Screw type Type of mounting device: Clampable, Adjustable, Turning, 360° Material: Metal	Link
50117827	BTP 300M-D10 	Mounting system Suitable for: 8 series sensors, 46B series sensors, ODSL 9 Design of mounting device: Protection hood Fastening, at system: For 10 mm rod Mounting bracket, at device: Screw type Type of mounting device: Clampable, Adjustable, Turning, 360° Material: Metal	Link

General accessories for photoelectric sensors			
Part no.	Article	Description	Link
50117828	BTP 200M-D14 	Mounting system Suitable for: 3B series sensors, 18 series sensors, 5 series sensors Design of mounting device: Protection hood Fastening, at system: For 14 mm rod Mounting bracket, at device: Screw type Type of mounting device: Clampable, Adjustable, Turning, 360° Material: Metal	Link
50117829	BTP 200M-D12 	Mounting system Suitable for: 3B series sensors, 18 series sensors, 25B series sensors, 5 series sensors Design of mounting device: Protection hood Fastening, at system: For 12 mm rod Mounting bracket, at device: Screw type Type of mounting device: Clampable, Adjustable, Turning, 360° Material: Metal	Link
50117830	BTP 200M-D10 	Mounting system Suitable for: 3B series sensors, 18 series sensors, 25B series sensors, 5 series sensors Design of mounting device: Protection hood Fastening, at system: For 10 mm rod Mounting bracket, at device: Screw type Type of mounting device: Clampable, Adjustable, Turning, 360° Material: Metal	Link

General accessories for photoelectric sensors

Part no.	Article	Description	Link
50132604	SG 46C 	Protective screen Suitable for: 46C series sensors Material: Glass	Link
50130045	SG8.1	Protective screen Suitable for: 8 series sensors Material: Glass	Link

Accessories for retro-reflective photoelectric sensors on reflector

Part no.	Article	Description	Link
50030433	TKS 30x60 	Reflector Design: Rectangular Reflective surface: 27 mm x 56 mm Triple reflector size: 4 mm Material: Plastic Base material: Plastic Chemical designation of the material: PMMA8N Fastening: Through-hole mounting, Adhesive Net weight: 14 g	Link

Accessories for retro-reflective photoelectric sensors on reflector			
Part no.	Article	Description	Link
50024127	TK 82.2 	Reflector Design: Round Triple reflector size: 4 mm Reflection surface diameter: 79 mm Material: Plastic Base material: Plastic Chemical designation of the material: PMMA8N Fastening: Through-hole mounting, Adhesive Net weight: 30 g	Link
50081283	TKS 20x40 	Reflector Design: Rectangular Reflective surface: 16 mm x 38 mm Triple reflector size: 2.3 mm Material: Plastic Base material: Plastic Chemical designation of the material: PMMA8N Fastening: Through-hole mounting, Adhesive Net weight: 5 g	Link
50105153	TKS 50x50.1 	Reflector Design: Rectangular Reflective surface: 47 mm x 48 mm Triple reflector size: 4 mm Material: Plastic Base material: Plastic Chemical designation of the material: PMMA8N Fastening: Through-hole mounting, Adhesive Net weight: 18 g	Link

Accessories for retro-reflective photoelectric sensors on reflector			
Part no.	Article	Description	Link
50116725	TKS 85x85 	Reflector Design: Rectangular Reflective surface: 77 mm x 77 mm Triple reflector size: 4 mm Material: Plastic Base material: Plastic Chemical designation of the material: PMMA8N Fastening: Through-hole mounting, Adhesive Net weight: 47 g	Link

3.2 Measuring sensors

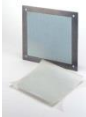
3.2.1 Distance sensors

Laser distance measurement system			
Part no.	Article	Description	Link
Profibus			
50113677	AMS 304i 40	 Optical distance sensor Pre-mounted with: Mounting plate Light source: Laser Protection class: 2 Measurement range: 200 ... 40,000 mm Absolute measurement accuracy: 2 mm Reproducibility (3 sigma): 0.9 mm Max. traverse rate: 10 m/s Supply voltage: 18 ... 30 V, DC Interface: PROFIBUS DP, SSI Connection: Connector, M12, 5 -pin Dimensions: 84 mm x 166.5 mm x 159 mm Housing material: Metal Display: LC Display, LED Ambient temperature, operation: -5 ... 50 °C Degree of protection: IP 65 Net weight: 2450 g Note: Reflective tape must be ordered separately	Link

Laser distance measurement system			
Part no.	Article	Description	Link
Profibus			
50113678	AMS 304i 120 	Optical distance sensor Pre-mounted with: Mounting plate Light source: Laser Protection class: 2 Measurement range: 200 ... 120,000 mm Absolute measurement accuracy: 2 mm Reproducibility (3 sigma): 1.5 mm Max. traverse rate: 10 m/s Supply voltage: 18 ... 30 V, DC Interface: PROFIBUS DP, SSI Connection: Connector, M12, 5 -pin Dimensions: 84 mm x 166.5 mm x 159 mm Housing material: Metal Display: LC Display, LED Ambient temperature, operation: -5 ... 50 °C Degree of protection: IP 65 Net weight: 2450 g Note: Reflective tape must be ordered separately	Link

Laser distance measurement system			
Part no.	Article	Description	Link
Profinet			
50113709	AMS 348i 40 	Optical distance sensor Pre-mounted with: Mounting plate Light source: Laser Protection class: 2 Measurement range: 200 ... 40,000 mm Absolute measurement accuracy: 2 mm Reproducibility (3 sigma): 0.9 mm Max. traverse rate: 10 m/s Supply voltage: 18 ... 30 V, DC Interface: PROFINET Connection: Connector, M12, 4 -pin Dimensions: 84 mm x 166.5 mm x 159 mm Housing material: Metal Display: LC Display, LED Ambient temperature, operation: -5 ... 50 °C Degree of protection: IP 65 Net weight: 2450 g Note: Reflective tape must be ordered separately	Link

Laser distance measurement system			
Part no.	Article	Description	Link
Profinet			
50113710	AMS 348i 120 	Optical distance sensor Pre-mounted with: Mounting plate Light source: Laser Protection class: 2 Measurement range: 200 ... 120,000 mm Absolute measurement accuracy: 2 mm Reproducibility (3 sigma): 1.5 mm Max. traverse rate: 10 m/s Supply voltage: 18 ... 30 V, DC Interface: PROFINET Connection: Connector, M12, 4 -pin Dimensions: 84 mm x 166.5 mm x 159 mm Housing material: Metal Display: LC Display, LED Ambient temperature, operation: -5 ... 50 °C Degree of protection: IP 65 Net weight: 2450 g Note: Reflective tape must be ordered separately	Link

Laser distance measurement system			
Part no.	Article	Description	Link
Accessories			
50104362	Reflective tape 500x500mm-S 	Reflective tape Design: Rectangular Reflective surface: 500 mm x 500 mm Chemical designation of the material: PMMA Fastening: Adhesive Net weight: 300 g	Link
50104479	US AMS 01 	Deflecting mirror Suitable for: AMS 300i Type of fastening: Through-hole mounting Net weight: 2870 g	Link
50104361	Reflective tape 200x200mm-S 	Reflective tape Design: Rectangular Reflective surface: 200 mm x 200 mm Chemical designation of the material: PMMA Fastening: Adhesive Net weight: 103 g	Link

Optical distance sensors			
Part no.	Article	Description	Link
50127853 	ODS10.L.1.8A K-M12 	Optical distance sensor Scanning system: Against object Special design: Deactivation input, Activation input, Teach input Light source: Laser, Red Light spot size: 7 mm x 7 mm Measurement range: 50 ... 8,000 mm Geometric resolution: 1.0 mm Supply voltage: 18 ... 30 V, DC Digital switching inputs: 1 Piece(s) Analog outputs: 1 Piece(s) Digital switching outputs: 1 Piece(s) Output: Configurable, factory setting: current Interface: IO-Link Connection: Connector, M12, 5 -pin, Turning, 90° Dimensions: 25 mm x 65 mm x 55 mm Operational controls: Control buttons, PC software Net weight: 70 g	Link

Optical distance sensors			
Part no.	Article	Description	Link
50129528 	ODS10L1.8/L6 X-M12 	Optical distance sensor Scanning system: Against object Light source: Laser, Red Light spot size: 7 mm x 7 mm Measurement range: 50 ... 8,000 mm Geometric resolution: 1.0 mm Supply voltage: 18 ... 30 V, DC Digital switching inputs: 2 Piece(s) Interface: IO-Link Connection: Connector, M12, 5 -pin, Turning, 90° Dimensions: 25 mm x 65 mm x 55 mm Operational controls: Control buttons, PC software Net weight: 70 g	Link

Optical distance sensors			
Part no.	Article	Description	Link
50136953	ODS9L2.8/LA6 -650-M12 	Optical distance sensor Scanning system: Against object Light source: Laser, Red Light spot size: 1 mm Measurement range: 50 ... 650 mm Geometric resolution: 0.1 mm Supply voltage: 18 ... 30 V, DC Analog outputs: 1 Piece(s) Digital switching outputs: 2 Piece(s) Output: Configurable, factory setting: current Interface: IO-Link Connection: Connector, M12, 5 -pin, Turning, 90° Dimensions: 21 mm x 50 mm x 50 mm Operational controls: PC software, Control buttons Net weight: 50 g Note: Attention! If you need spare parts or want to switch from ODSL 9 to ODS9, please note that adapter 50140174 - KDS U-M12-5A-M12-5A-P1-003-25X is required	Link

Optical distance sensors			
Part no.	Article	Description	Link
50141322	ODS9L1.8/LA K-450-M12 	Optical distance sensor Scanning system: Against object Special design: Activation input, Deactivation input, Teach input Light source: Laser, Red Light spot size: 1 mm Measurement range: 50 ... 450 mm Geometric resolution: 0.1 mm Supply voltage: 18 ... 30 V, DC Digital switching inputs: 1 Piece(s) Analog outputs: 1 Piece(s) Digital switching outputs: 1 Piece(s) Output: Configurable, factory setting: current Interface: IO-Link Connection: Connector, M12, 5 -pin, Turning, 90° Dimensions: 21 mm x 50 mm x 50 mm Operational controls: Control buttons, PC software Net weight: 50 g Note: Attention! If you need spare parts or want to switch from ODSL 9 to ODS9, please note that adapter 50140174 - KDS U-M12-5A-M12-5A-P1-003-25X is required	Link

3.2.2 Sensors for positioning

Bar code positioning system			
Part no.	Article	Description	Link
50125679	BPS 307i SM 100 	Bar code positioning system Depth of field: 50 ... 170 mm Light source: Laser Measurement range: 0 ... 10,000,000 mm Reproducibility (1 sigma): 0.05 mm Supply voltage: 18 ... 30 V, DC Interface: SSI Dimensions: 100 mm x 108.7 mm x 48.3 mm Display element: LED Ambient temperature, operation: -5 ... 50 °C Net weight: 580 g Necessary accessories, please order separately: 1 St. MK 307 (Art.-Nr.: 50126131) 1 St. MS 307 (Art.-Nr.: 50126130) 1 St. KB 307-3000 (Art.-Nr.: 50126132) Note: Bar code tape must be ordered separately. Operation only possible in combination with MS 3xx, MK 3xx or KB 30x connection unit	Link
50126130	MS 307 	Connection unit Suitable for: BPS 307i Suitable for interface: SSI Parameter memory: Yes Number of connections: 3 Piece(s) Connection: Connector, M12 Net weight: 70 g	Link

Bar code positioning system			
Part no.	Article	Description	Link
50124983	BPS 348i SM 100 	Bar code positioning system Depth of field: 50 ... 170 mm Light source: Laser Measurement range: 0 ... 10,000,000 mm Reproducibility (1 sigma): 0.05 mm Supply voltage: 18 ... 30 V, DC Interface: PROFINET Dimensions: 100 mm x 108.7 mm x 48.3 mm Display element: LED Ambient temperature, operation: -5 ... 50 °C Net weight: 580 g Necessary accessories, please order separately: 1 St. MK 348 (Art.-Nr.: 50116467) 1 St. MS 348 (Art.-Nr.: 50116471) 1 St. ME 348 103 (Art.-Nr.: 50131256) Note: Bar code tape must be ordered separately. Operation only possible in combination with MS 3xx, MK 3xx or ME 348 103 connection unit	Link
50116471	MS 348 	Connection unit Suitable for: BCL 348i, BPS 348i Suitable for interface: PROFINET Number of connections: 4 Piece(s) Connection: Connector, M12 Net weight: 70 g	Link

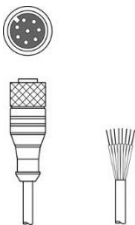
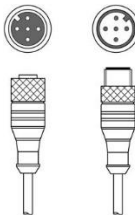
Bar code positioning system			
Part no.	Article	Description	Link
50125676	BPS 304i SM 100 	Bar code positioning system Depth of field: 50 ... 170 mm Light source: Laser Measurement range: 0 ... 10,000,000 mm Reproducibility (1 sigma): 0.05 mm Supply voltage: 18 ... 30 V, DC Interface: PROFIBUS DP Dimensions: 100 mm x 108.7 mm x 48.3 mm Display element: LED Ambient temperature, operation: -5 ... 50 °C Net weight: 580 g Necessary accessories, please order separately: 1 St. MK 304 (Art.-Nr.: 50116465) 1 St. MS 304 (Art.-Nr.: 50116470) Note: Bar code tape must be ordered separately. Operation only possible in combination with MS 3xx or MK 3xx connection unit	Link
50116470	MS 304 	Connection unit Suitable for: BCL 304i, BPS 304i Suitable for interface: PROFIBUS DP Number of connections: 4 Piece(s) Connection: Connector, M12 Net weight: 70 g	Link

Bar code positioning system			
Part no.	Article	Description	Link
50124941	BTU 0300M-W 	Mounting device Suitable for: BPS 300i series bar code positioning system Fastening, at system: Through-hole mounting Mounting bracket, at device: Clampable, Groove mounting, Suited for M4 screws Material: Metal Net weight: 115 g	Link
50144059	FBPS 617i 17 SM 100 	Bar code positioning system Functions: Safe position detection SIL: 3, EN 61508 SIL.: 3, IEC/EN 62061 Performance Level (PL): e, ISO / EN ISO 13849-1:2015 Category: 4, ISO / EN ISO 13849-1:2015 Depth of field: 50 ... 170 mm Light source: Laser Reproducibility (1 sigma): 0.15 mm Supply voltage: 24 V, DC, -25 ... 25 % Interface: 2-channel SSI with CRC Plug outlet: Lateral Display element: LED Ambient temperature, operation: -5 ... 60 °C Net weight: 540 g	Link

3.2.3 Light curtains

Light curtains			
Part no.	Article	Description	Link
50129053	CSL710-T40-1570.A-M12 	Light curtain transmitter Application: Precise object detection Operating range: 0.3 ... 7 m Measurement field length: 1,570 mm Beam spacing: 40 mm Supply voltage: DC Connection: Connector, M12, 5 -pin Dimensions: 29 mm x 35.4 mm x 1,673 mm Net weight: 1700 g Included in delivery contents: 2x BT-NC sliding block	Link
50128971	CSL710-R40-1570.A/L-M12 	Light curtain receiver Application: Precise object detection Operating range: 0.3 ... 7 m Measurement field length: 1,570 mm Beam spacing: 40 mm Supply voltage: DC Selectable inputs/outputs: 4 Piece(s) Response time per beam: 30 Âµs Service interface: IO-Link Connection: Connector, M12, 8 -pin Dimensions: 29 mm x 54.8 mm x 1,673 mm Net weight: 1700 g Included in delivery contents: 2x BT-NC sliding block	Link

Light curtains			
Part no.	Article	Description	Link
50129053	CSL710-T40-1570.A-M12 	Light curtain transmitter Application: Precise object detection Operating range: 0.3 ... 7 m Measurement field length: 1,570 mm Beam spacing: 40 mm Supply voltage: DC Connection: Connector, M12, 5 -pin Dimensions: 29 mm x 35.4 mm x 1,673 mm Net weight: 1700 g Included in delivery contents: 2x BT-NC sliding block	Link
50128971	CSL710-R40-1570.A/L-M12 	Light curtain receiver Application: Precise object detection Operating range: 0.3 ... 7 m Measurement field length: 1,570 mm Beam spacing: 40 mm Supply voltage: DC Selectable inputs/outputs: 4 Piece(s) Response time per beam: 30 Åµs Service interface: IO-Link Connection: Connector, M12, 8 -pin Dimensions: 29 mm x 54.8 mm x 1,673 mm Net weight: 1700 g Included in delivery contents: 2x BT-NC sliding block	Link

Accessories light curtains			
Part no.	Article	Description	Link
50135128	KD S-M12-8A-P1-050 	Connection cable Connection 1: Connector, M12, Axial, Female, A-coded, 8 -pin Connection 2: Open end Shielded: Yes Cable length: 5,000 mm Sheathing material: PUR	Link
50129780	KDS DN-M12-5A-M12-5A-P3-020 	Interconnection cable Suitable for interface: IO-Link, CANopen, DeviceNet Connection 1: Connector, M12, Axial, Female, A-coded, 5 -pin Connection 2: Connector, M12, Axial, Male, A-coded, 5 -pin Shielded: Yes Cable length: 2,000 mm Sheathing material: PUR	Link

3.3 Safety products

3.3.1 Single light beam safety devices

Single light beam safety devices			
Part no.	Article	Description	Link
50121920	SLE46CI-70.K2/4P 	Single light beam safety device receiver Type: 2, IEC/EN 61496, in combination with a suitable test monitoring unit, e.g. MSI-TR1B SIL: 1, IEC 61508, in combination with a suitable test monitoring unit, e.g. MSI-TR1B Performance Level (PL): c, EN ISO 13849-1:2008 Category: 2, EN ISO 13849:2008 Supply voltage: 24 V, DC, -20 ... 20 % Response time: 2.5 ms Connection: Cable, 2,000 mm, PUR Design: Cubic Dimension: 20.5 mm x 76.3 mm x 44 mm Net weight: 100 g	Link

Single light beam safety devices			
Part no.	Article	Description	Link
50121912	SLS46CI-70.K28 	Single light beam safety device transmitter Type: 2, IEC/EN 61496, in combination with a suitable test monitoring unit, e.g. MSI-TR1B SIL: 1, IEC 61508, in combination with a suitable test monitoring unit, e.g. MSI-TR1B Performance Level (PL): c, EN ISO 13849-1:2008 Category: 2, EN ISO 13849 Operating range: 5 ... 70 m Operating range limit: 5 ... 80 m Light source: LED, Infrared Supply voltage: 24 V, DC, -20 ... 20 % Response time: 2.5 ms Connection: Cable, 2,000 mm, PUR Design: Cubic Dimension: 20.5 mm x 76.3 mm x 44 mm Net weight: 100 g	Link

Single light beam safety devices			
Part no.	Article	Description	Link
50126545	SLS46C-40.K48 	Single light beam safety device transmitter Type: 4, IEC/EN 61496, in combination with MSI-TRMB safety relay SIL: 3, IEC 61508, in combination with MSI-TRMB safety relay Performance Level (PL): e, EN ISO 13849-1:2008, In combination with MSI-TRMB safety relay Category: 4, EN ISO 13849:2008, In combination with MSI-TRMB safety relay Operating range: 0,25 ... 40 m Operating range limit: 0,25 ... 48 m Light source: LED, Red Supply voltage: 24 V, DC, -20 ... 20 % Response time: 2.5 ms Connection: Cable, 2,000 mm, PUR Design: Cubic Dimension: 20.5 mm x 76.3 mm x 44 mm Net weight: 100 g	Link

Single light beam safety devices			
Part no.	Article	Description	Link
50126327	SLE46C-K40.K4/4P 	Single light beam safety device receiver Type: 4, IEC/EN 61496, in combination with MSI-TRMB safety relay SIL: 3, IEC 61508, in combination with MSI-TRMB safety relay Performance Level (PL): e, EN ISO 13849-1:2008 Category: 4, EN ISO 13849:2008 Supply voltage: 24 V, DC, -20 ... 20 % Response time: 2.5 ms Connection: Cable, 2,000 mm, PUR Design: Cubic Dimension: 20.5 mm x 76.3 mm x 44 mm Net weight: 100 g	Link
50126329	SLE46C-70.K4/4P 	Single light beam safety device receiver Type: 4, IEC/EN 61496, in combination with MSI-TRMB safety relay SIL: 3, IEC 61508, in combination with MSI-TRMB safety relay Performance Level (PL): e, EN ISO 13849-1:2008 Category: 4, EN ISO 13849:2008 Supply voltage: 24 V, DC, -20 ... 20 % Response time: 2.5 ms Connection: Cable, 2,000 mm, PUR Design: Cubic Dimension: 20.5 mm x 76.3 mm x 44 mm Net weight: 100 g	Link

Single light beam safety devices			
Part no.	Article	Description	Link
50126547	SLS46C-70.K48 	Single light beam safety device transmitter Special design: Activation input Type: 4, IEC/EN 61496, in combination with MSI-TRMB safety relay SIL: 3, IEC 61508, in combination with MSI-TRMB safety relay Performance Level (PL): e, EN ISO 13849-1:2008 Category: 4, EN ISO 13849:2008 Operating range: 5 ... 70 m Operating range limit: 5 ... 80 m Light source: LED, Red Supply voltage: 24 V, DC, -20 ... 20 % Response time: 2.5 ms Connection: Cable, 2,000 mm, PUR Design: Cubic Dimension: 20.5 mm x 76.3 mm x 44 mm Net weight: 100 g	Link

Safety relays			
Part no.	Article	Description	Link
547931	MSI-TRMB-01 	Safety relay Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): Up to and including e, EN ISO 13849-1 Category: 4, EN ISO 13849	Link

3.3.2 Safety light curtains

Safety light curtains			
Part no.	Article	Description	Link
68000101	MLC500T14-150 	Safety light curtain transmitter Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Resolution: 14 mm Protective field height: 150 mm Operating range: 0 ... 6 m Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 216 mm x 35.4 mm Net weight: 300 g Included in delivery contents: 2x BT-NC sliding block	Link
68000103	MLC500T14-300 	Safety light curtain transmitter Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Resolution: 14 mm Protective field height: 300 mm Operating range: 0 ... 6 m Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 366 mm x 35.4 mm Net weight: 450 g Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68000104	MLC500T14-450 	Safety light curtain transmitter Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Resolution: 14 mm Protective field height: 450 mm Operating range: 0 ... 6 m Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 516 mm x 35.4 mm Net weight: 600 g Included in delivery contents: 2x BT-NC sliding block	Link
68000106	MLC500T14-600 	Safety light curtain transmitter Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Resolution: 14 mm Protective field height: 600 mm Operating range: 0 ... 6 m Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 666 mm x 35.4 mm Net weight: 750 g Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68000109	MLC500T14-900 	Safety light curtain transmitter Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Resolution: 14 mm Protective field height: 900 mm Operating range: 0 ... 6 m Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 966 mm x 35.4 mm Net weight: 1050 g Included in delivery contents: 2x BT-NC sliding block	Link
68000110	MLC500T14-1050 	Safety light curtain transmitter Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Resolution: 14 mm Protective field height: 1,050 mm Operating range: 0 ... 6 m Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 1,116 mm x 35.4 mm Net weight: 1200 g Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68000112	MLC500T14-1200 	Safety light curtain transmitter Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Resolution: 14 mm Protective field height: 1,200 mm Operating range: 0 ... 6 m Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 1,266 mm x 35.4 mm Net weight: 1350 g Included in delivery contents: 2x BT-NC sliding block	Link
68000115	MLC500T14-1500 	Safety light curtain transmitter Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Resolution: 14 mm Protective field height: 1,500 mm Operating range: 0 ... 6 m Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 1,566 mm x 35.4 mm Net weight: 1650 g Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68000116	MLC500T14-1650 	Safety light curtain transmitter Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Resolution: 14 mm Protective field height: 1,650 mm Operating range: 0 ... 6 m Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 1,716 mm x 35.4 mm Net weight: 1800 g Included in delivery contents: 2x BT-NC sliding block	Link
68000118	MLC500T14-1800 	Safety light curtain transmitter Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Resolution: 14 mm Protective field height: 1,800 mm Operating range: 0 ... 6 m Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 1,866 mm x 35.4 mm Net weight: 1950 g Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68000121	MLC500T14-2100 	Safety light curtain transmitter Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Resolution: 14 mm Protective field height: 2,100 mm Operating range: 0 ... 6 m Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 2,166 mm x 35.4 mm Net weight: 2250 g Included in delivery contents: 2x BT-NC sliding block	Link
68000122	MLC500T14-2250 	Safety light curtain transmitter Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Resolution: 14 mm Protective field height: 2,250 mm Operating range: 0 ... 6 m Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 2,316 mm x 35.4 mm Net weight: 2400 g Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68000125	MLC500T14-2550 	Safety light curtain transmitter Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Resolution: 14 mm Protective field height: 2,550 mm Operating range: 0 ... 6 m Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 2,616 mm x 35.4 mm Net weight: 2700 g Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68000301	MLC500T30-150 	Safety light curtain transmitter Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Resolution: 30 mm Protective field height: 150 mm Operating range: 0 ... 10 m Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 216 mm x 35.4 mm Net weight: 300 g Included in delivery contents: 2x BT-NC sliding block	Link
68000303	MLC500T30-300 	Safety light curtain transmitter Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Resolution: 30 mm Protective field height: 300 mm Operating range: 0 ... 10 m Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 366 mm x 35.4 mm Net weight: 450 g Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68000304	MLC500T30-450 	Safety light curtain transmitter Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Resolution: 30 mm Protective field height: 450 mm Operating range: 0 ... 10 m Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 516 mm x 35.4 mm Net weight: 600 g Included in delivery contents: 2x BT-NC sliding block	Link
68000306	MLC500T30-600 	Safety light curtain transmitter Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Resolution: 30 mm Protective field height: 600 mm Operating range: 0 ... 10 m Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 666 mm x 35.4 mm Net weight: 750 g Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68000309	MLC500T30-900 	Safety light curtain transmitter Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Resolution: 30 mm Protective field height: 900 mm Operating range: 0 ... 10 m Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 966 mm x 35.4 mm Net weight: 1050 g Included in delivery contents: 2x BT-NC sliding block	Link
68000310	MLC500T30-1050 	Safety light curtain transmitter Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Resolution: 30 mm Protective field height: 1,050 mm Operating range: 0 ... 10 m Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 1,116 mm x 35.4 mm Net weight: 1200 g Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68000312	MLC500T30-1200 	Safety light curtain transmitter Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Resolution: 30 mm Protective field height: 1,200 mm Operating range: 0 ... 10 m Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 1,266 mm x 35.4 mm Net weight: 1350 g Included in delivery contents: 2x BT-NC sliding block	Link
68000313	MLC500T30-1350 	Safety light curtain transmitter Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Resolution: 30 mm Protective field height: 1,350 mm Operating range: 0 ... 10 m Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 1,416 mm x 35.4 mm Net weight: 1500 g Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68000315	MLC500T30-1500 	Safety light curtain transmitter Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Resolution: 30 mm Protective field height: 1,500 mm Operating range: 0 ... 10 m Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 1,566 mm x 35.4 mm Net weight: 1650 g Included in delivery contents: 2x BT-NC sliding block	Link
68000318	MLC500T30-1800 	Safety light curtain transmitter Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Resolution: 30 mm Protective field height: 1,800 mm Operating range: 0 ... 10 m Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 1,866 mm x 35.4 mm Net weight: 1950 g Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68000321	MLC500T30-2100 	Safety light curtain transmitter Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Resolution: 30 mm Protective field height: 2,100 mm Operating range: 0 ... 10 m Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 2,166 mm x 35.4 mm Net weight: 2250 g Included in delivery contents: 2x BT-NC sliding block	Link
68000322	MLC500T30-2250 	Safety light curtain transmitter Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Resolution: 30 mm Protective field height: 2,250 mm Operating range: 0 ... 10 m Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 2,316 mm x 35.4 mm Net weight: 2400 g Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68000325	MLC500T30-2550 	Safety light curtain transmitter Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Resolution: 30 mm Protective field height: 2,550 mm Operating range: 0 ... 10 m Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 2,616 mm x 35.4 mm Net weight: 2700 g Included in delivery contents: 2x BT-NC sliding block	Link
68001101	MLC510R14-150 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 14 mm Protective field height: 150 mm Response time: 5 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 216 mm x 35.4 mm Net weight: 300 g eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68001103	MLC510R14-300 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 14 mm Protective field height: 300 mm Response time: 8 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 366 mm x 35.4 mm Net weight: 450 g eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68001104	MLC510R14-450 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 14 mm Protective field height: 450 mm Response time: 11 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 516 mm x 35.4 mm Net weight: 600 g eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68001106	MLC510R14-600 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 14 mm Protective field height: 600 mm Response time: 14 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 666 mm x 35.4 mm Net weight: 750 g eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68001109	MLC510R14-900 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 14 mm Protective field height: 900 mm Response time: 20 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 966 mm x 35.4 mm Net weight: 1050 g eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68001110	MLC510R14-1050 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 14 mm Protective field height: 1,050 mm Response time: 23 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 1,116 mm x 35.4 mm Net weight: 1200 g eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68001112	MLC510R14-1200 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 14 mm Protective field height: 1,200 mm Response time: 26 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 1,266 mm x 35.4 mm Net weight: 1350 g eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68001115	MLC510R14-1500 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 14 mm Protective field height: 1,500 mm Response time: 33 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 1,566 mm x 35.4 mm Net weight: 1650 g eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68001116	MLC510R14-1650 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 14 mm Protective field height: 1,650 mm Response time: 36 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 1,716 mm x 35.4 mm Net weight: 1800 g eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68001118	MLC510R14-1800 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 14 mm Protective field height: 1,800 mm Response time: 39 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 1,866 mm x 35.4 mm Net weight: 1950 g eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68001121	MLC510R14-2100 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 14 mm Protective field height: 2,100 mm Response time: 45 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 2,166 mm x 35.4 mm Net weight: 2250 g eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68001122	MLC510R14-2250 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 14 mm Protective field height: 2,250 mm Response time: 48 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 2,316 mm x 35.4 mm Net weight: 2400 g eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68001125	MLC510R14-2550 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 14 mm Protective field height: 2,550 mm Response time: 55 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 2,616 mm x 35.4 mm Net weight: 2700 g eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68001301	MLC510R30-150 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 30 mm Protective field height: 150 mm Response time: 3 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 216 mm x 35.4 mm Net weight: 300 g eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68001303	MLC510R30-300 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 30 mm Protective field height: 300 mm Response time: 4 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 366 mm x 35.4 mm Net weight: 450 g eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68001304	MLC510R30-450 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 30 mm Protective field height: 450 mm Response time: 5 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 516 mm x 35.4 mm Net weight: 600 g eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68001306	MLC510R30-600 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 30 mm Protective field height: 600 mm Response time: 7 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 666 mm x 35.4 mm Net weight: 750 g eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68001309	MLC510R30-900 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 30 mm Protective field height: 900 mm Response time: 9 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 966 mm x 35.4 mm Net weight: 1050 g eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68001310	MLC510R30-1050 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 30 mm Protective field height: 1,050 mm Response time: 10 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 1,116 mm x 35.4 mm Net weight: 1200 g eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68001312	MLC510R30-1200 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 30 mm Protective field height: 1,200 mm Response time: 12 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 1,266 mm x 35.4 mm Net weight: 1350 g eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68001313	MLC510R30-1350 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 30 mm Protective field height: 1,350 mm Response time: 13 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 1,416 mm x 35.4 mm Net weight: 1500 g eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68001315	MLC510R30-1500 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 30 mm Protective field height: 1,500 mm Response time: 14 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 1,566 mm x 35.4 mm Net weight: 1650 g eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68001318	MLC510R30-1800 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 30 mm Protective field height: 1,800 mm Response time: 17 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 1,866 mm x 35.4 mm Net weight: 1950 g eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68001321	MLC510R30-2100 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 30 mm Protective field height: 2,100 mm Response time: 19 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 2,166 mm x 35.4 mm Net weight: 2250 g eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68001322	MLC510R30-2250 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 30 mm Protective field height: 2,250 mm Response time: 20 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 2,316 mm x 35.4 mm Net weight: 2400 g eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68001325	MLC510R30-2550 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 30 mm Protective field height: 2,550 mm Response time: 23 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 2,616 mm x 35.4 mm Net weight: 2700 g eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68003310	MLC530R30-1050 	Safety light curtain receiver Function package: Extended Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 30 mm Protective field height: 1,050 mm Response time: 10 ms Connection: Connector, M12, Metal, 8 -pin Dimension: 29 mm x 1,116 mm x 35.4 mm Net weight: 1200 g eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68003318	MLC530R30-1800 	Safety light curtain receiver Function package: Extended Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 30 mm Protective field height: 1,800 mm Response time: 17 ms Connection: Connector, M12, Metal, 8 -pin Dimension: 29 mm x 1,866 mm x 35.4 mm Net weight: 1950 g Included in delivery contents: 2x BT-NC sliding block	Link
68026101	MLC510R14-150.1 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 14 mm Protective field height: 150 mm Response time: 8 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 216 mm x 35.4 mm Net weight: 300 g Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68026103	MLC510R14-300.1 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 14 mm Protective field height: 300 mm Response time: 14 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 366 mm x 35.4 mm Net weight: 450 g Included in delivery contents: 2x BT-NC sliding block	Link
68026104	MLC510R14-450.1 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 14 mm Protective field height: 450 mm Response time: 21 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 516 mm x 35.4 mm Net weight: 600 g Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68026106	MLC510R14-600.1 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 14 mm Protective field height: 600 mm Response time: 27 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 666 mm x 35.4 mm Net weight: 750 g Included in delivery contents: 2x BT-NC sliding block	Link
68026109	MLC510R14-900.1 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 14 mm Protective field height: 900 mm Response time: 39 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 966 mm x 35.4 mm Net weight: 1050 g Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68026110	MLC510R14-1050.1 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 14 mm Protective field height: 1,050 mm Response time: 46 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 1,116 mm x 35.4 mm Net weight: 1200 g Included in delivery contents: 2x BT-NC sliding block	Link
68026112	MLC510R14-1200.1 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 14 mm Protective field height: 1,200 mm Response time: 52 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 1,266 mm x 35.4 mm Net weight: 1350 g Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68026115	MLC510R14-1500.1 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 14 mm Protective field height: 1,500 mm Response time: 64 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 1,566 mm x 35.4 mm Net weight: 1650 g Included in delivery contents: 2x BT-NC sliding block	Link
68026116	MLC510R14-1650.1 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 14 mm Protective field height: 1,650 mm Response time: 71 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 1,716 mm x 35.4 mm Net weight: 1800 g Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68026118	MLC510R14-1800.1 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 14 mm Protective field height: 1,800 mm Response time: 77 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 1,866 mm x 35.4 mm Net weight: 1950 g Included in delivery contents: 2x BT-NC sliding block	Link
68026121	MLC510R14-2100.1 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 14 mm Protective field height: 2,100 mm Response time: 89 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 2.166 mm x 35,4 mm Net weight: 2250 g Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68026122	MLC510R14-2250.1 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 14 mm Protective field height: 2,250 mm Response time: 96 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 2.316 mm x 35,4 mm Net weight: 2400 g Included in delivery contents: 2x BT-NC sliding block	Link
68026125	MLC510R14-2550.1 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 14 mm Protective field height: 2,550 mm Response time: 108 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 2.616 mm x 35,4 mm Net weight: 2.700 g Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68026316	MLC510R30-1650.1 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 30 mm Protective field height: 1,650 mm Response time: 29 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 1,716 mm x 35.4 mm Net weight: 1800 g eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68026321	MLC510R30-2100.1 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 30 mm Protective field height: 2,100 mm Response time: 37 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 2.166 mm x 35,4 mm Net weight: 2.250 g Included in delivery contents: 2x BT-NC sliding block	Link
68026322	MLC510R30-2250.1 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 30 mm Protective field height: 2,250 mm Response time: 39 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 2.316 mm x 35,4 mm Net weight: 2400 g Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68026325	MLC510R30-2550.1 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 30 mm Protective field height: 2,550 mm Response time: 44 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 2.616 mm x 35,4 mm Net weight: 2.700 g Included in delivery contents: 2x BT-NC sliding block	Link
68026301	MLC510R30-150.1 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 30 mm Protective field height: 150 mm Response time: 4 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 216 mm x 35.4 mm Net weight: 300 g Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68026303	MLC510R30-300.1 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 30 mm Protective field height: 300 mm Response time: 7 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 366 mm x 35.4 mm Net weight: 450 g Included in delivery contents: 2x BT-NC sliding block	Link
68026304	MLC510R30-450.1 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 30 mm Protective field height: 450 mm Response time: 9 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 516 mm x 35.4 mm Net weight: 600 g Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68026306	MLC510R30-600.1 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 30 mm Protective field height: 600 mm Response time: 12 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 666 mm x 35.4 mm Net weight: 750 g Included in delivery contents: 2x BT-NC sliding block	Link
68026309	MLC510R30-900.1 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 30 mm Protective field height: 900 mm Response time: 17 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 966 mm x 35.4 mm Net weight: 1050 g Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68026310	MLC510R30-1050.1 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 30 mm Protective field height: 1,050 mm Response time: 19 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 1,116 mm x 35.4 mm Net weight: 1200 g Included in delivery contents: 2x BT-NC sliding block	Link
68026312	MLC510R30-1200.1 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 30 mm Protective field height: 1,200 mm Response time: 22 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 1,266 mm x 35.4 mm Net weight: 1350 g Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68026313	MLC510R30-1350.1 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 30 mm Protective field height: 1,350 mm Response time: 24 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 1,416 mm x 35.4 mm Net weight: 1500 g Included in delivery contents: 2x BT-NC sliding block	Link
68026315	MLC510R30-1500.1 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 30 mm Protective field height: 1,500 mm Response time: 27 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 1,566 mm x 35.4 mm Net weight: 1650 g Included in delivery contents: 2x BT-NC sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
68026318	MLC510R30-1800.1 	Safety light curtain receiver Function package: Basic Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 30 mm Protective field height: 1,800 mm Response time: 32 ms Connection: Connector, M12, Metal, 5 -pin Dimension: 29 mm x 1,866 mm x 35.4 mm Net weight: 1950 g Included in delivery contents: 2x BT-NC sliding block	Link
72100103	ELC105T17-300 	Safety light curtain transmitter Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Resolution: 17 mm Protective field height: 300 mm Operating range: 0.5 ... 6 m Connection: Cable with connector, M12, Metal, 4 -pin, 200 mm, PUR Dimension: 34.7 mm x 315 mm x 35.4 mm Net weight: 510 g eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2x sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
72100106	ELC105T17-600 	Safety light curtain transmitter Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Resolution: 17 mm Protective field height: 600 mm Operating range: 0.5 ... 6 m Connection: Cable with connector, M12, Metal, 4-pin, 200 mm, PUR Dimension: 34.7 mm x 615 mm x 35.4 mm Net weight: 910 g eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2x sliding block	Link
72100109	ELC105T17-900 	Safety light curtain transmitter Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Resolution: 17 mm Protective field height: 900 mm Operating range: 0.5 ... 6 m Connection: Cable with connector, M12, Metal, 4-pin, 200 mm, PUR Dimension: 34.7 mm x 915 mm x 35.4 mm Net weight: 1310 g eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2x sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
72100112	ELC105T17-1200 	Safety light curtain transmitter Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Resolution: 17 mm Protective field height: 1,200 mm Operating range: 0.5 ... 6 m Connection: Cable with connector, M12, Metal, 4-pin, 200 mm, PUR Dimension: 34.7 mm x 1,215 mm x 35.4 mm Net weight: 1710 g eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2x sliding block	Link
72100115	ELC105T17-1500 	Safety light curtain transmitter Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Resolution: 17 mm Protective field height: 1,500 mm Operating range: 0.5 ... 6 m Connection: Cable with connector, M12, Metal, 4-pin, 200 mm, PUR Dimension: 34.7 mm x 1,515 mm x 35.4 mm Net weight: 2110 g eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2x sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
72100303	ELC105T30-300 	Safety light curtain transmitter Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Resolution: 30 mm Protective field height: 300 mm Operating range: 0.5 ... 10 m Connection: Cable with connector, M12, Metal, 4-pin, 200 mm, PUR Dimension: 34.7 mm x 315 mm x 35.4 mm Net weight: 510 g eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2x sliding block	Link
72100306	ELC105T30-600 	Safety light curtain transmitter Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Resolution: 30 mm Protective field height: 600 mm Operating range: 0.5 ... 10 m Connection: Cable with connector, M12, Metal, 4-pin, 200 mm, PUR Dimension: 34.7 mm x 615 mm x 35.4 mm Net weight: 910 g eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2x sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
72100309	ELC105T30-900 	Safety light curtain transmitter Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Resolution: 30 mm Protective field height: 900 mm Operating range: 0.5 ... 10 m Connection: Cable with connector, M12, Metal, 4-pin, 200 mm, PUR Dimension: 34.7 mm x 915 mm x 35.4 mm Net weight: 1310 g eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2x sliding block	Link
72100312	ELC105T30-1200 	Safety light curtain transmitter Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Resolution: 30 mm Protective field height: 1,200 mm Operating range: 0.5 ... 10 m Connection: Cable with connector, M12, Metal, 4-pin, 200 mm, PUR Dimension: 34.7 mm x 1,215 mm x 35.4 mm Net weight: 1710 g eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2x sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
72100315	ELC105T30-1500 	Safety light curtain transmitter Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Resolution: 30 mm Protective field height: 1,500 mm Operating range: 0.5 ... 10 m Connection: Cable with connector, M12, Metal, 4-pin, 200 mm, PUR Dimension: 34.7 mm x 1,515 mm x 35.4 mm Net weight: 2110 g eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2x sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
72101103	ELC150R17-300 	Safety light curtain receiver Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 17 mm Protective field height: 300 mm Response time: 5.4 ms Connection: Cable with connector, M12, Metal, 4-pin, 200 mm, PUR Dimension: 34.7 mm x 315 mm x 39.3 mm Net weight: 530 g eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2x sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
72101106	ELC150R17-600 	Safety light curtain receiver Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 17 mm Protective field height: 600 mm Response time: 9.3 ms Connection: Cable with connector, M12, Metal, 4-pin, 200 mm, PUR Dimension: 34.7 mm x 615 mm x 39.3 mm Net weight: 930 g eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2x sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
72101109	ELC150R17-900 	Safety light curtain receiver Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 17 mm Protective field height: 900 mm Response time: 13.2 ms Connection: Cable with connector, M12, Metal, 4-pin, 200 mm, PUR Dimension: 34.7 mm x 915 mm x 39.3 mm Net weight: 1330 g eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2x sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
72101112	ELC150R17-1200 	Safety light curtain receiver Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 17 mm Protective field height: 1,200 mm Response time: 17.1 ms Connection: Cable with connector, M12, Metal, 4-pin, 200 mm, PUR Dimension: 34.7 mm x 1,215 mm x 39.3 mm Net weight: 1730 g eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2x sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
72101115	ELC150R17-1500 	Safety light curtain receiver Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 17 mm Protective field height: 1,500 mm Response time: 21 ms Connection: Cable with connector, M12, Metal, 4-pin, 200 mm, PUR Dimension: 34.7 mm x 1,515 mm x 39.3 mm Net weight: 2120 g eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2x sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
72101303	ELC150R30-300 	Safety light curtain receiver Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 30 mm Protective field height: 300 mm Response time: 4.5 ms Connection: Cable with connector, M12, Metal, 4-pin, 200 mm, PUR Dimension: 34.7 mm x 315 mm x 39.3 mm Net weight: 530 g eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2x sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
72101306	ELC150R30-600 	Safety light curtain receiver Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 30 mm Protective field height: 600 mm Response time: 5.4 ms Connection: Cable with connector, M12, Metal, 4-pin, 200 mm, PUR Dimension: 34.7 mm x 615 mm x 39.3 mm Net weight: 930 g eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2x sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
72101309	ELC150R30-900 	Safety light curtain receiver Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 30 mm Protective field height: 900 mm Response time: 7.3 ms Connection: Cable with connector, M12, Metal, 4-pin, 200 mm, PUR Dimension: 34.7 mm x 915 mm x 39.3 mm Net weight: 1330 g eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2x sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
72101312	ELC150R30-1200 	Safety light curtain receiver Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 30 mm Protective field height: 1,200 mm Response time: 9.3 ms Connection: Cable with connector, M12, Metal, 4-pin, 200 mm, PUR Dimension: 34.7 mm x 1,215 mm x 39.3 mm Net weight: 1730 g eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2x sliding block	Link

Safety light curtains			
Part no.	Article	Description	Link
72101315	ELC150R30-1500 	Safety light curtain receiver Type: 4, IEC/EN 61496 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 Resolution: 30 mm Protective field height: 1,500 mm Response time: 11.2 ms Connection: Cable with connector, M12, Metal, 4-pin, 200 mm, PUR Dimension: 34.7 mm x 1,515 mm x 39.3 mm Net weight: 2120 g eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2x sliding block	Link

Safety light curtains set			
Part no.	Article	Description	Link
426634	MLC510-14-300.1-B 	Safety sensor set Series: MLC 500 Included in delivery contents: 1 St. MLC510R14-300.1 (Art.-Nr.: 68026103) 1 St. MLC500T14-300 (Art.-Nr.: 68000103) 2 St. BT-2HF (Art.-Nr.: 429393)	Link

Safety light curtains set			
Part no.	Article	Description	Link
426635	MLC510-14-600.1-B 	Safety sensor set Series: MLC 500 Included in delivery contents: 1 St. MLC510R14-600.1 (Art.-Nr.: 68026106) 1 St. MLC500T14-600 (Art.-Nr.: 68000106) 2 St. BT-2HF (Art.-Nr.: 429393)	Link
426636	MLC510-14-900.1-B 	Safety sensor set Series: MLC 500 Included in delivery contents: 1 St. MLC510R14-900.1 (Art.-Nr.: 68026109) 1 St. MLC500T14-900 (Art.-Nr.: 68000109) 2 St. BT-2HF (Art.-Nr.: 429393)	Link
426637	MLC510-14-1200.1-B 	Safety sensor set Series: MLC 500 Included in delivery contents: 1 St. MLC510R14-1200.1 (Art.-Nr.: 68026112) 1 St. MLC500T14-1200 (Art.-Nr.: 68000112) 2 St. BT-2HF (Art.-Nr.: 429393)	Link
426638	MLC510-14-1500.1-SB10 	Safety sensor set Series: MLC 500 Included in delivery contents: 2 St. BT-2SB10 (Art.-Nr.: 424422) 1 St. MLC500T14-1500 (Art.-Nr.: 68000115) 1 St. MLC510R14-1500.1 (Art.-Nr.: 68026115)	Link

Safety light curtains set			
Part no.	Article	Description	Link
426639	MLC510-14-1800.1-SB10 	Safety sensor set Series: MLC 500 Included in delivery contents: 2 St. BT-2SB10 (Art.-Nr.: 424422) 1 St. MLC500T14-1800 (Art.-Nr.: 68000118) 1 St. MLC510R14-1800.1 (Art.-Nr.: 68026118)	Link
426670	MLC510-14-300-B 	Series: MLC 500 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2 Piece BT-2HF - Mounting bracket set (Part no.: 429393) 1 Piece MLC500T14-300 - Safety light curtain transmitter (Part no.: 68000103) 1 Piece MLC510R14-300 - Safety light curtain receiver (Part no.: 68001103)	

Safety light curtains set			
Part no.	Article	Description	Link
426671	MLC510-14-600-B 	Series: MLC 500 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2 Piece BT-2HF - Mounting bracket set (Part no.: 429393) 1 Piece MLC500T14-600 - Safety light curtain transmitter (Part no.: 68000106) 1 Piece MLC510R14-600 - Safety light curtain receiver (Part no.: 68001106)	
426672	MLC510-14-900-B 	Series: MLC 500 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2 Piece BT-2HF - Mounting bracket set (Part no.: 429393) 1 Piece MLC500T14-900 - Safety light curtain transmitter (Part no.: 68000109) 1 Piece MLC510R14-900 - Safety light curtain receiver (Part no.: 68001109)	

Safety light curtains set			
Part no.	Article	Description	Link
426673	MLC510-14-1200-B 	Series: MLC 500 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2 Piece BT-2HF - Mounting bracket set (Part no.: 429393) 1 Piece MLC500T14-1200 - Safety light curtain transmitter (Part no.: 68000112) 1 Piece MLC510R14-1200 - Safety light curtain receiver (Part no.: 68001112)	
426674	MLC510-14-1500-SB10 	Series: MLC 500 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2 Piece BT-2SB10 - Mounting bracket set (Part no.: 424422) 1 Piece MLC500T14-1500 - Safety light curtain transmitter (Part no.: 68000115) 1 Piece MLC510R14-1500 - Safety light curtain receiver (Part no.: 68001115)	

Safety light curtains set			
Part no.	Article	Description	Link
426675	MLC510-14-1800-SB10 	Series: MLC 500 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2 Piece BT-2SB10 - Mounting bracket set (Part no.: 424422) 1 Piece MLC500T14-1800 - Safety light curtain transmitter (Part no.: 68000118) 1 Piece MLC510R14-1800 - Safety light curtain receiver (Part no.: 68001118)	
426680	MLC510-30-450-B 	Series: MLC 500 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2 Piece BT-2HF - Mounting bracket set (Part no.: 429393) 1 Piece MLC500T30-450 - Safety light curtain transmitter (Part no.: 68000304) 1 Piece MLC510R30-450 - Safety light curtain receiver (Part no.: 68001304)	

Safety light curtains set			
Part no.	Article	Description	Link
426681	MLC510-30-600-B 	Series: MLC 500 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2 Piece BT-2HF - Mounting bracket set (Part no.: 429393) 1 Piece MLC500T30-600 - Safety light curtain transmitter (Part no.: 68000306) 1 Piece MLC510R30-600 - Safety light curtain receiver (Part no.: 68001306)	
426682	MLC510-30-900-B 	Series: MLC 500 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2 Piece BT-2HF - Mounting bracket set (Part no.: 429393) 1 Piece MLC500T30-900 - Safety light curtain transmitter (Part no.: 68000309) 1 Piece MLC510R30-900 - Safety light curtain receiver (Part no.: 68001309)	

Safety light curtains set			
Part no.	Article	Description	Link
426683	MLC510-30-1050-B 	Series: MLC 500 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2 Piece BT-2HF - Mounting bracket set (Part no.: 429393) 1 Piece MLC500T30-1050 - Safety light curtain transmitter (Part no.: 68000310) 1 Piece MLC510R30-1050 - Safety light curtain receiver (Part no.: 68001310)	
426684	MLC510-30-1200-B 	Series: MLC 500 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2 Piece BT-2HF - Mounting bracket set (Part no.: 429393) 1 Piece MLC500T30-1200 - Safety light curtain transmitter (Part no.: 68000312) 1 Piece MLC510R30-1200 - Safety light curtain receiver (Part no.: 68001312)	

Safety light curtains set			
Part no.	Article	Description	Link
426685	MLC510-30-1350-SB10 	Series: MLC 500 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2 Piece BT-2SB10 - Mounting bracket set (Part no.: 424422) 1 Piece MLC500T30-1350 - Safety light curtain transmitter (Part no.: 68000313) 1 Piece MLC510R30-1350 - Safety light curtain receiver (Part no.: 68001313)	
426686	MLC510-30-1500-SB10 	Series: MLC 500 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2 Piece BT-2SB10 - Mounting bracket set (Part no.: 424422) 1 Piece MLC500T30-1500 - Safety light curtain transmitter (Part no.: 68000315) 1 Piece MLC510R30-1500 - Safety light curtain receiver (Part no.: 68001315)	

Safety light curtains set			
Part no.	Article	Description	Link
426687	MLC510-30-1800-SB10 	Series: MLC 500 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2 Piece BT-2SB10 - Mounting bracket set (Part no.: 424422) 1 Piece MLC500T30-1800 - Safety light curtain transmitter (Part no.: 68000318) 1 Piece MLC510R30-1800 - Safety light curtain receiver (Part no.: 68001318)	
426688	MLC510-30-450.1-B 	Safety sensor set Series: MLC 500 Included in delivery contents: 1 St. MLC510R30-450.1 (Art.-Nr.: 68026304) 2 St. BT-2HF (Art.-Nr.: 429393) 1 St. MLC500T30-450 (Art.-Nr.: 68000304)	Link
426689	MLC510-30-600.1-B 	Safety sensor set Series: MLC 500 Included in delivery contents: 2 St. BT-2HF (Art.-Nr.: 429393) 1 St. MLC510R30-600.1 (Art.-Nr.: 68026306) 1 St. MLC500T30-600 (Art.-Nr.: 68000306)	Link

Safety light curtains set			
Part no.	Article	Description	Link
426690	MLC510-14-1200-1200-SB10 	Series: MLC 500 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 4 Piece BT-2SB10 - Mounting bracket set (Part no.: 424422) 2 Piece MLC500T14-1200 - Safety light curtain transmitter (Part no.: 68000112) 2 Piece MLC510R14-1200 - Safety light curtain receiver (Part no.: 68001112)	
426691	MLC510-14-1200-1650-SB10 	Series: MLC 500 SIL: 3, IEC 61508 Performance Level (PL): e, EN ISO 13849-1 Category: 4, EN ISO 13849 eCl@ss 9.0: 27272704 Customs tariff number: 85365019 Included in delivery contents: 2 Piece BT-2SB10 - Mounting bracket set (Part no.: 424422) 1 Piece MLC500T14-1200 - Safety light curtain transmitter (Part no.: 68000112) 1 Piece MLC510R14-1200 - Safety light curtain receiver (Part no.: 68001112) 1 Piece MLC510R14-1650 - Safety light curtain receiver (Part no.: 68001116) 1 Piece MLC500T14-1650 - Safety light curtain transmitter (Part no.: 68000116)	

Safety light curtains set			
Part no.	Article	Description	Link
426692	MLC510-30-900.1-B 	Safety sensor set Series: MLC 500 Included in delivery contents: 2 St. BT-2HF (Art.-Nr.: 429393) 1 St. MLC510R30-900.1 (Art.-Nr.: 68026309) 1 St. MLC500T30-900 (Art.-Nr.: 68000309)	Link
426693	MLC510-30-1050.1-B 	Safety sensor set Series: MLC 500 Included in delivery contents: 1 St. MLC500T30-1050 (Art.-Nr.: 68000310) 1 St. MLC510R30-1050.1 (Art.-Nr.: 68026310) 2 St. BT-2HF (Art.-Nr.: 429393)	Link
426694	MLC510-30-1200.1-B 	Safety sensor set Series: MLC 500 Included in delivery contents: 1 St. MLC500T30-1200 (Art.-Nr.: 68000312) 1 St. MLC510R30-1200.1 (Art.-Nr.: 68026312) 2 St. BT-2HF (Art.-Nr.: 429393)	Link
426695	MLC510-30-1350.1-SB10 	Safety sensor set Series: MLC 500 Included in delivery contents: 1 St. MLC500T30-1350 (Art.-Nr.: 68000313) 2 St. BT-2SB10 (Art.-Nr.: 424422) 1 St. MLC510R30-1350.1 (Art.-Nr.: 68026313)	Link

Safety light curtains set			
Part no.	Article	Description	Link
426696	MLC510-30-1500.1-SB10 	Safety sensor set Series: MLC 500 Included in delivery contents: 1 St. MLC510R30-1500.1 (Art.-Nr.: 68026315) 1 St. MLC500T30-1500 (Art.-Nr.: 68000315) 2 St. BT-2SB10 (Art.-Nr.: 424422)	Link
426697	MLC510-30-1800.1-SB10 	Safety sensor set Series: MLC 500 Included in delivery contents: 3 St. BT-2SB10 (Art.-Nr.: 424422) 1 St. MLC510R30-1800.1 (Art.-Nr.: 68026318) 1 St. MLC500T30-1800 (Art.-Nr.: 68000318)	Link
426698	MLC510-14-1200-1200.1-SB10 	Safety sensor set Series: MLC 500 Included in delivery contents: 4 St. BT-2SB10 (Art.-Nr.: 424422) 2 St. MLC510R14-1200.1 (Art.-Nr.: 68026112) 2 St. MLC500T14-1200 (Art.-Nr.: 68000112)	Link
426699	MLC510-14-1200-1650.1-SB10 	Safety sensor set Series: MLC 500 Included in delivery contents: 5 St. BT-2SB10 (Art.-Nr.: 424422) 1 St. MLC510R14-1200.1 (Art.-Nr.: 68026112) 1 St. MLC500T14-1200 (Art.-Nr.: 68000112) 1 St. MLC510R14-1650.1 (Art.-Nr.: 68026116) 1 St. MLC500T14-1650 (Art.-Nr.: 68000116)	Link

3.3.3 Accessories for safety light curtains

Accessories for safety light curtains			
Part no.	Article	Description	Link
349945	AC-TR14/30 	Test piece Diameter 1: 14 mm Diameter 2: 30 mm Housing material: Plastic, ABS Net weight: 46 g	Link
349939	AC-TR20/40 	Test piece Diameter 1: 20 mm Diameter 2: 40 mm Housing material: Plastic, Terluran HH106 black Net weight: 46 g	Link
520101	AC-ALM-M 	Alignment aid Suitable for: MLC 500, MLC 300 safety light curtains Housing material: Plastic Included in delivery contents: 1 St. BT-AC-ALM (Art.-Nr.: 427301) 1 St. AC-ALM (Art.-Nr.: 427300)	Link
520160	AC-SCM8U 	Sensor connection Suitable for: MLC 500, MLC 300 safety light curtains Supply voltage: 24 V, DC, -20 ... 20 % Number of connections: 6 Piece(s) Connection: Cable with connector, M12, 500 mm Type of fastening: Through-hole mounting, Groove mounting Net weight: 150 g	Link

Accessories for safety light curtains			
Part no.	Article	Description	Link
429393	BT-2HF 	Mounting bracket set Contains: 2x BT-HFA231:A238inder for mounting on the light curtain Suitable for: MLC 500, MLC 300 safety light curtains Fastening, at system: Through-hole mounting Mounting bracket, at device: Clampable Type of mounting device: Turning, 360° Material: Metal, Plastic Included in delivery contents: 2x BT-HF swivel mount, 2x BT-HF swivel mount, 1 cylinder for mounting on the light curtain	Link
429056	BT-2L 	Mounting bracket set Suitable for: MLD 500, MLD 300 multiple light beam safety devices, CML700i light curtains, MLC 500, MLC 300 safety light curtains Design of mounting device: Angle, L-shape Fastening, at system: Through-hole mounting Mounting bracket, at device: Screw type Material: Metal	Link

Accessories for safety light curtains			
Part no.	Article	Description	Link
424417	BT-2P40 	Mounting bracket set Contains: BT-P40 clamp bracket, 2x Suitable for: CML700i light curtains, MLC 500, MLC 300 safety light curtains, MLD 500, MLD 300 multiple light beam safety devices, Mounting in UDC-S2, DC-S2 device columns Bore hole 1: M6 Bore hole 2: M6 Design of mounting device: Mounting clamp Fastening, at system: Groove mounting Mounting bracket, at device: Groove mounting Type of mounting device: Clampable Material: Metal Included in delivery contents: BT-P40 clamp bracket, 2x, BT-P40 clamp bracket, 2x	Link

Accessories for safety light curtains			
Part no.	Article	Description	Link
424422	BT-2SB10 	Mounting bracket set Contains: 2x BT-SB10 Suitable for: MLC 500, MLC 300 safety light curtains, CML700i light curtains, CSL 710 light curtains, Especially for devices with large protective field height, MLD 500, MLD 300 multiple light beam safety devices, Single light beam safety devices MLD500 Design of mounting device: Mounting clamp Fastening, at system: Through-hole mounting Mounting bracket, at device: Clampable, On the lateral C-groove Type of mounting device: Swiveling Swivel range: -8 ... 8 ° Material: Metal Included in delivery contents: 2x BT-SB10, 2x BT-SB10	Link
424432	BT-2SB05 	Mounting bracket set Suitable for: ELC100 safety light curtains Design of mounting device: Mounting clamp Fastening, at system: Through-hole mounting Mounting bracket, at device: Clampable, On the lateral C-groove Type of mounting device: Swiveling Swivel range: -8 ... 8 ° Material: Metal eCl@ss 9.0: 27273701 Customs tariff number: 79070000 Included in delivery contents: 2x BT-SB05	Link

Accessories for safety light curtains			
Part no.	Article	Description	Link
424900	BTU D12M.5-100 	Mounting system Suitable for: BTU D12M-D12-A090, BTU D12M-D12-B090 Design of mounting device: 12mm rod Fastening, at system: Clampable Mounting bracket, at device: Clampable Type of mounting device: Rigid Material: Stainless steel Net weight: 90 g	Link
429057	BT-2Z 	Mounting bracket set Suitable for: MLD 500, MLD 300 multiple light beam safety devices, CML700i light curtains, MLC 500, MLC 300 safety light curtains Design of mounting device: Angle, Z-shape Fastening, at system: Through-hole mounting Mounting bracket, at device: Screw type Material: Metal	Link
560020	LA-78U 	Alignment aid Suitable for: MLC 500, MLC 300 safety light curtains Light source: Laser, Red Housing material: Metal Net weight: 300 g	Link

Accessories for safety light curtains			
Part no.	Article	Description	Link
549853	UDC-1600-S2 	Device column Suitable for: MLD 500, MLD 300 multiple light beam safety devices, MLC 500, MLC 300 safety light curtains Functions: Mounting and protection of light curtains and multiple light beam devices, Adjustable, 3 directions Dimensions: 160 mm x 1,660 mm x 149 mm Column height without foot: 1,600 mm Net weight: 6075 g Included in delivery contents: 1 St. BT-2P40 (Art.-Nr.: 424417) Mounting kit for floor assembly, BT-P40 clamp bracket, 2x	Link
549854	UDC-1900-S3 	Device column Suitable for: MLD 500, MLD 300 multiple light beam safety devices, MLC 500, MLC 300 safety light curtains Functions: Mounting and protection of light curtains and multiple light beam devices, Adjustable, 3 directions Dimensions: 160 mm x 1,960 mm x 149 mm Column height without foot: 1,900 mm Net weight: 6875 g Included in delivery contents: 1 St. BT-2P40 (Art.-Nr.: 424417) Mounting kit for floor assembly, BT-P40 clamp bracket, 2x	Link

3.4 Identification

3.4.1 Stationary bar code readers

BCL 348i stationary bar code reader			
Part no.	Article	Description	Link
50116440	BCL 348i SF 100 D 	Stationary bar code reader Functions: AutoConfig, Alignment mode, AutoControl, AutoReflAct, Code fragment technology, LED indicator, Reference code comparison Scanning rate, typical: 1,000 scans/s Reading distance: 70 ... 445 mm Reading method: Line scanner with deflecting mirror Light beam exit: Lateral with deflecting mirror Supply voltage: 18 ... 30 V, DC Selectable inputs/outputs: 2 Piece(s) Interface: PROFINET, USB Dimensions: 103 mm x 44 mm x 96 mm Display: LED, Monochromatic graphic display, 128 x 32 pixels Operational controls: Button(s) Ambient temperature, operation: 0 ... 40 °C Certifications: c UL US Net weight: 350 g Necessary accessories, please order separately: 1 St. MS 348 (Art.-Nr.: 50116471) 1 St. MK 348 (Art.-Nr.: 50116467) 1 St. ME 348 103 (Art.-Nr.: 50131256) 1 St. ME 348 214 (Art.-Nr.: 50131258) 1 St. ME 348 104 (Art.-Nr.: 50131259)	Link

BCL 348i stationary bar code reader			
Part no.	Article	Description	Link
50116446	BCL 348i SL 100 D 	Stationary bar code reader Functions: AutoConfig, Alignment mode, AutoControl, AutoReflAct, Code fragment technology, LED indicator, Reference code comparison Scanning rate, typical: 1,000 scans/s Reading distance: 70 ... 670 mm Reading method: Line scanner with deflecting mirror Light beam exit: Lateral with deflecting mirror Supply voltage: 18 ... 30 V, DC Selectable inputs/outputs: 2 Piece(s) Interface: PROFINET, USB Dimensions: 103 mm x 44 mm x 96 mm Display: LED, Monochromatic graphic display, 128 x 32 pixels Operational controls: Button(s) Ambient temperature, operation: 0 ... 40 °C Certifications: c UL US Net weight: 350 g Necessary accessories, please order separately: 1 St. MK 348 (Art.-Nr.: 50116467) 1 St. MS 348 (Art.-Nr.: 50116471) 1 St. ME 348 103 (Art.-Nr.: 50131256) 1 St. ME 348 104 (Art.-Nr.: 50131259) 1 St. ME 348 214 (Art.-Nr.: 50131258)	Link

BCL 348i stationary bar code reader			
Part no.	Article	Description	Link
50116453	BCL 348i SM 100 D 	Stationary bar code reader Functions: AutoConfig, Alignment mode, AutoControl, AutoReflAct, Code fragment technology, LED indicator, Reference code comparison Scanning rate, typical: 1,000 scans/s Reading distance: 30 ... 290 mm Reading method: Line scanner with deflecting mirror Light beam exit: Lateral with deflecting mirror Supply voltage: 18 ... 30 V, DC Selectable inputs/outputs: 2 Piece(s) Interface: PROFINET, USB Dimensions: 103 mm x 44 mm x 96 mm Display: LED, Monochromatic graphic display, 128 x 32 pixels Operational controls: Button(s) Ambient temperature, operation: 0 ... 40 °C Certifications: c UL US Net weight: 350 g Necessary accessories, please order separately: 1 St. MS 348 (Art.-Nr.: 50116471) 1 St. MK 348 (Art.-Nr.: 50116467) 1 St. ME 348 103 (Art.-Nr.: 50131256) 1 St. ME 348 104 (Art.-Nr.: 50131259) 1 St. ME 348 214 (Art.-Nr.: 50131258)	Link

BCL 348i stationary bar code reader			
Part no.	Article	Description	Link
50116458	BCL 348i SN 100 D 	Stationary bar code reader Functions: AutoConfig, Alignment mode, AutoControl, AutoReflAct, Code fragment technology, LED indicator, Reference code comparison Scanning rate, typical: 1,000 scans/s Reading distance: 20 ... 130 mm Reading method: Line scanner with deflecting mirror Light beam exit: Lateral with deflecting mirror Supply voltage: 18 ... 30 V, DC Selectable inputs/outputs: 2 Piece(s) Interface: PROFINET, USB Dimensions: 103 mm x 44 mm x 96 mm Display: LED, Monochromatic graphic display, 128 x 32 pixels Operational controls: Button(s) Ambient temperature, operation: 0 ... 40 °C Certifications: c UL US Net weight: 350 g Necessary accessories, please order separately: 1 St. MK 348 (Art.-Nr.: 50116467) 1 St. MS 348 (Art.-Nr.: 50116471) 1 St. ME 348 103 (Art.-Nr.: 50131256) 1 St. ME 348 104 (Art.-Nr.: 50131259) 1 St. ME 348 214 (Art.-Nr.: 50131258)	Link

BCL 348i stationary bar code reader			
Part no.	Article	Description	Link
50116416	BCL 348i OF 100 D 	Stationary bar code reader Functions: AutoControl, Alignment mode, AutoConfig, AutoReflAct, Code fragment technology, LED indicator, Reference code comparison Scanning rate, typical: 1,000 scans/s Reading distance: 80 ... 455 mm Reading method: Oscillating-mirror scanner Light beam exit: Zero position at side at angle less than 90° Supply voltage: 18 ... 30 V, DC Selectable inputs/outputs: 2 Piece(s) Interface: PROFINET, USB Dimensions: 125 mm x 58 mm x 110 mm Display: LED, Monochromatic graphic display, 128 x 32 pixels Operational controls: Button(s) Ambient temperature, operation: 0 ... 40 °C Certifications: c UL US Net weight: 580 g Necessary accessories, please order separately: 1 St. MK 348 (Art.-Nr.: 50116467) 1 St. MS 348 (Art.-Nr.: 50116471) 1 St. ME 348 214 (Art.-Nr.: 50131258) 1 St. ME 348 104 (Art.-Nr.: 50131259) 1 St. ME 348 103 (Art.-Nr.: 50131256)	Link

BCL 348i stationary bar code reader			
Part no.	Article	Description	Link
50116419	BCL 348i OL 100 D 	Stationary bar code reader Functions: AutoControl, Alignment mode, AutoConfig, AutoReflAct, Code fragment technology, LED indicator, Reference code comparison Scanning rate, typical: 1,000 scans/s Reading distance: 80 ... 680 mm Reading method: Oscillating-mirror scanner Light beam exit: Zero position at side at angle less than 90° Supply voltage: 18 ... 30 V, DC Selectable inputs/outputs: 2 Piece(s) Interface: PROFINET, USB Dimensions: 125 mm x 58 mm x 110 mm Display: LED, Monochromatic graphic display, 128 x 32 pixels Operational controls: Button(s) Ambient temperature, operation: 0 ... 40 °C Certifications: c UL US Net weight: 580 g Necessary accessories, please order separately: 1 St. MS 348 (Art.-Nr.: 50116471) 1 St. MK 348 (Art.-Nr.: 50116467) 1 St. ME 348 214 (Art.-Nr.: 50131258) 1 St. ME 348 103 (Art.-Nr.: 50131256) 1 St. ME 348 104 (Art.-Nr.: 50131259)	Link

BCL 348i stationary bar code reader			
Part no.	Article	Description	Link
50116422	BCL 348i OM 100 D 	Stationary bar code reader Functions: AutoControl, Alignment mode, AutoConfig, AutoReflAct, Code fragment technology, LED indicator, Reference code comparison Scanning rate, typical: 1,000 scans/s Reading distance: 40 ... 300 mm Reading method: Oscillating-mirror scanner Light beam exit: Zero position at side at angle less than 90° Supply voltage: 18 ... 30 V, DC Selectable inputs/outputs: 2 Piece(s) Interface: PROFINET, USB Dimensions: 125 mm x 58 mm x 110 mm Display: LED, Monochromatic graphic display, 128 x 32 pixels Operational controls: Button(s) Ambient temperature, operation: 0 ... 40 °C Certifications: c UL US Net weight: 580 g Necessary accessories, please order separately: 1 St. MS 348 (Art.-Nr.: 50116471) 1 St. MK 348 (Art.-Nr.: 50116467) 1 St. ME 348 104 (Art.-Nr.: 50131259) 1 St. ME 348 103 (Art.-Nr.: 50131256) 1 St. ME 348 214 (Art.-Nr.: 50131258)	Link

BCL 548i stationary bar code reader			
Part no.	Article	Description	Link
50113183	BCL 548i SN 102 	Stationary bar code reader Functions: AutoConfig, Alignment mode, AutoControl, AutoReflAct, Code fragment technology, Reference code comparison Scanning rate, typical: 1,000 scans/s Reading distance: 200 ... 650 mm Reading method: Line scanner Light beam exit: Front Supply voltage: 10 ... 30 V, DC Selectable inputs/outputs: 4 Piece(s) Interface: PROFINET, USB Dimensions: 123.5 mm x 63 mm x 106.5 mm Display: LED, Monochromatic graphical display, 128x64 pixel, with background lighting Operational controls: Button(s), Via service interface Ambient temperature, operation: 0 ... 40 °C Certifications: c UL US Net weight: 1100 g	Link

BCL 548i stationary bar code reader			
Part no.	Article	Description	Link
50113199	BCL 548i ON 100 	Stationary bar code reader Functions: AutoConfig, Alignment mode, AutoControl, AutoReflAct, Code fragment technology, Reference code comparison Scanning rate, typical: 1,000 scans/s Reading distance: 200 ... 650 mm Reading method: Oscillating-mirror scanner Light beam exit: Zero position at side at angle less than 90° Supply voltage: 10 ... 30 V, DC Selectable inputs/outputs: 4 Piece(s) Interface: PROFINET, USB Dimensions: 173 mm x 84 mm x 147 mm Display: LED, Monochromatic graphical display, 128x64 pixel, with background lighting Operational controls: Button(s), Via service interface Ambient temperature, operation: 0 ... 40 °C Certifications: c UL US Net weight: 1500 g	Link

BCL 548i stationary bar code reader			
Part no.	Article	Description	Link
50113201	BCL 548i OM 100 	Stationary bar code reader Functions: AutoConfig, Alignment mode, AutoControl, AutoReflAct, Code fragment technology, Reference code comparison Scanning rate, typical: 1,000 scans/s Reading distance: 300 ... 1,000 mm Reading method: Oscillating-mirror scanner Light beam exit: Zero position at side at angle less than 90° Supply voltage: 10 ... 30 V, DC Selectable inputs/outputs: 4 Piece(s) Interface: PROFINET, USB Dimensions: 173 mm x 84 mm x 147 mm Display: LED, Monochromatic graphical display, 128x64 pixel, with background lighting Operational controls: Button(s), Via service interface Ambient temperature, operation: 0 ... 40 °C Certifications: c UL US Net weight: 1500 g	Link

BCL 548i stationary bar code reader			
Part no.	Article	Description	Link
50113203	BCL 548i OL 100 	Stationary bar code reader Functions: AutoConfig, Alignment mode, AutoControl, AutoReflAct, Code fragment technology, Reference code comparison Scanning rate, typical: 1,000 scans/s Reading distance: 1,000 ... 2,400 mm Reading method: Oscillating-mirror scanner Light beam exit: Zero position at side at angle less than 90° Supply voltage: 10 ... 30 V, DC Selectable inputs/outputs: 4 Piece(s) Interface: PROFINET, USB Dimensions: 173 mm x 84 mm x 147 mm Display: LED, Monochromatic graphical display, 128x64 pixel, with background lighting Operational controls: Button(s), Via service interface Ambient temperature, operation: 0 ... 40 °C Certifications: c UL US Net weight: 1500 g	Link

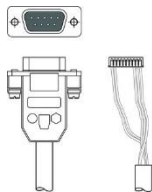
BCL 548i stationary bar code reader			
Part no.	Article	Description	Link
50113205	BCL 548i OF 100 	Stationary bar code reader Functions: AutoConfig, Alignment mode, AutoControl, AutoReflAct, Code fragment technology, Reference code comparison Scanning rate, typical: 1,000 scans/s Reading distance: 400 ... 1,600 mm Reading method: Oscillating-mirror scanner Light beam exit: Zero position at side at angle less than 90° Supply voltage: 10 ... 30 V, DC Selectable inputs/outputs: 4 Piece(s) Interface: PROFINET, USB Dimensions: 173 mm x 84 mm x 147 mm Display: LED, Monochromatic graphical display, 128x64 pixel, with background lighting Operational controls: Button(s), Via service interface Ambient temperature, operation: 0 ... 40 °C Certifications: c UL US Net weight: 1500 g	Link

3.4.2 Mobile Barcode reader

Mobile Barcode reader			
Part no.	Article	Description	Link
50116864	IT 1300g-2 	Mobile bar code reader Reading distance: 10 ... 460 mm Camera resolution, horizontal: 3,648 px Interface: USB, RS 232 Connection: RJ41 Dimensions: 79 mm x 150 mm x 112 mm Ambient temperature, operation: 0 ... 50 °C Drop height: 1.5 m Degree of protection: IP 41 Net weight: 159 g	Link

3.4.3 Accessories, mounting brackets, MA 248i modular connection unit

Accessories, mounting brackets, MA 248i modular connection unit			
Part no.	Article	Description	Link
50112891	MA 248i 	Modular connection unit Supply voltage: 18 ... 30 V, DC Current consumption, max.: 300 mA Interface: PROFINET, RS 232 Connections: 6 Piece(s) Dimensions: 107 mm x 40 mm x 180 mm Degree of protection: IP 65 Certifications: c UL US Net weight: 700 g	Link

Accessories, mounting brackets, MA 248i modular connection unit			
Part no.	Article	Description	Link
50113397	KB JST-HS-300 	Connection cable Suitable for interface: RS 232 Connection 1: JST ZHR Connection 2: Sub-D, Axial, Male, 9 -pin Shielded: Yes Cable length: 300 mm Sheathing material: PUR	Link
50027375	BT 56 	Mounting device Suitable for: BPS 300i series bar code positioning system, Bar code reader series BCL 6xxi, BCL 3xxi series bar code readers, BCL 5xxi series bar code readers, LSIS 4xxi series stationary 2D-code readers, LxS light section sensors Functions: Static applications Design of mounting device: Mounting system Fastening, at system: For 16 mm rod, For 18 mm rod, For 20 mm rod Mounting bracket, at device: Clampable Material: Metal	Link
50111224	BT 59 	Mounting bracket Suitable for: BCL 5xxi series bar code readers, LSIS 4xxi series stationary 2D-code readers, LxS light section sensors Fastening, at system: Groove mounting Mounting bracket, at device: Clampable Material: Metal	Link

3.5 Data transmission

3.5.1 Optical data transmission

DDLS 508i optical data transceiver			
Part no.	Article	Description	Link
50134430	DDLS 548i 120.4 L 	Optical data transmission Pre-mounted on: Mounting plate Special design: Not influenced by reflective surfaces, Integrated laser alignment aid, Operation of parallel light axes, Remote maintenance via web server Working range: 100 ... 120,000 mm Usable opening angle, transmitter: 1 ° Supply voltage: 18 ... 30 V, DC Interface: PROFINET Profinet, transmission speed: 100 Mbit/s Connection: Connector, M12 Dimensions: 100 mm x 156 mm x 99.5 mm Ambient temperature, operation: -5 ... 50 °C Degree of protection: IP 65 Net weight: 1185 g	Link

DDLS 508i optical data transceiver			
Part no.	Article	Description	Link
50134429	DDLS 548i 120.3 L 	Optical data transmission Pre-mounted on: Mounting plate Special design: Operation of parallel light axes, Integrated laser alignment aid, Not influenced by reflective surfaces, Remote maintenance via web server Working range: 100 ... 120,000 mm Usable opening angle, transmitter: 1 ° Supply voltage: 18 ... 30 V, DC Interface: PROFINET Profinet, transmission speed: 100 Mbit/s Connection: Connector, M12 Dimensions: 100 mm x 156 mm x 99.5 mm Ambient temperature, operation: -5 ... 50 °C Degree of protection: IP 65 Net weight: 1185 g	Link

3.6 General accessories

3.6.1 Test pieces

Test pieces			
Part no.	Article	Description	Link
430417	AC-TR17-S 	Test piece Housing material: Plastic, Polyoxymethylene (POM) Net weight: 46 g eCl@ss 9.0: 27279090 Customs tariff number: 39269097	Link

Test pieces			
Part no.	Article	Description	Link
430434	AC-TR30-S 	Test piece Housing material: Plastic, Polyoxymethylene (POM) Net weight: 46 g eCl@ss 9.0: 27279090 Customs tariff number: 39269097	Link
	Bar code tapes 	Marker labels Standardized and individually manufactured bar code tapes	Link