

Technical data sheet

Safety sensor/transceiver set

Part no.: 426544
MLD535-RT3M-UDC-1900-S2

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Figure can vary



Set consists of

	Quantity	Part no.	Designation	Article	Description
	1	520144	AC-SCM7U-BT	Sensor connection module	Suitable for: MLD 335, MLD 535 multiple light beam safety devices Supply voltage: 24 V, DC, -20 ... 20 % Number of connections: 7 Piece(s) Connection: Cable with connector, M12, 500 mm Type of fastening: Mounting plate
	1	66578200	MLD535-RT3M	Multiple light beam safety device transceiver	Special version: Integrated muting indicator, Integrated status indicator Operating range: 0.5 ... 6 m Number of beams: 3 Piece(s) Beam spacing: 400 mm Response time: 50 ms Connection: Connector, M12, Metal, 8 -pin
	1	549854	UDC-1900-S2	Device column	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

Technical data

Basic data

Series	MLD-UDC
Device type	Transceiver

Special version

Special version	Integrated muting indicator Integrated status indicator
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Functions

Functions	Alternative connection for second muting signal Contactor monitoring (EDM), selectable Muting enable function Muting-timeout extension Sequence controlled 2-sensor muting Start/restart interlock (RES) Timing controlled 4-sensor muting
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Characteristic parameters

Type	4, IEC/EN 61496
SIL	3, IEC 61508
SILCL	3, IEC/EN 62061
Performance Level (PL)	e, EN ISO 13849-1
PFH _D	6.6E-09 per hour
Mission time T _M	20 years, EN ISO 13849-1
Category	4, EN ISO 13849

Protective field data

Operating range	0.5 ... 6 m
Operating range in connection with MLD-XM03	0.5 ... 8 m

Optical data

Number of beams	3 Piece(s)
Beam spacing	400 mm

Mechanical data


With device column	Yes
Column height without foot	1,900 mm

Certifications

Classification



Customs tariff number	85365019
eCl@ss 5.1.4	27272703
eCl@ss 8.0	27272703
eCl@ss 9.0	27272703
eCl@ss 10.0	27272703
eCl@ss 11.0	27272703
ETIM 5.0	EC001832
ETIM 6.0	EC001832
ETIM 7.0	EC001832

Suitable deflecting mirrors

	Part no.	Designation	Article	Description
	426508	MLD-M003-UDC-1900-S2	Safety sensor/deflecting mirror set	Series: MLD-UDC Number of beams: 3 Piece(s) Beam spacing: 400 mm With device column: Yes Column height without foot: 1,900 mm

Accessories

Connection technology - Connection cables

	Part no.	Designation	Article	Description
 	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

Note



A list with all available accessories can be found on the Leuze website in the Download tab of the article detailed page.