

Technical data sheet

Safety sensor set

Part no.: 66900012

MLDSET-M1-1600T4

Contents

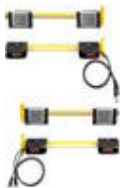
- Set consists of
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For illustration purposes only



Set consists of

	Quantity	Part no.	Designation	Article	Description
	1	426296	AC-ABF70	Acknowledgment unit	Functions: Reset of the start/restart interlock, Illuminated reset buttons, Overriding with AOPDs with muting function Reset buttons: Yes LED indicators: Yes Switching current via button: 1 ... 1,000 mA Housing material: Glass fiber reinforced (PPS), self-extinguishing Clamping plate material: Stainless steel Degree of protection: IP 67, IP 69K
	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	66500100	MLD-M002	Deflecting mirror	Number of beams: 2 Piece(s) Beam spacing: 500 mm Type of fastening: Groove mounting, Mounting on Device Column, Swivel mount
	1	66578100	MLD535-RT2M	Multiple light beam safety device transceiver	Special version: Integrated muting indicator, Integrated status indicator Operating range: 0.5 ... 8 m Number of beams: 2 Piece(s) Beam spacing: 500 mm Response time: 50 ms Connection: Connector, M12, Metal, 8 -pin
	1	426528	Set-AC-MTX.2-4S	Muting sensor set	Suitable for: MLD 500, MLD 300 multiple light beam safety devices Operating range: 0.05 ... 4 m, With reflector TKS 50x50 Type of fastening: Supplied mounting bracket Type of muting sensors: PRK 25C retro-reflective photoelectric sensors Number of muting sensors: 4 Piece(s) Number of reflectors: 4 Piece(s)
	2	549853	UDC-1600-S2	Device column	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

Technical data

Basic data

Series	MLDSET
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Special version

Special version	Integrated muting indicator
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Functions

Functions	Alternative connection for second muting signal
	Contacting monitoring (EDM), selectable
	Muting enable function
	Muting-timeout extension
	Start/restart interlock (RES), selectable
Integrated laser alignment aid	No
Reflective element for laser alignment aid	No
Integrated muting indicator	Yes
Integrated status indicator	Yes
Muting type	Timing controlled 4-sensor muting

Technical data

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 ... 8 m
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Optical data

Number of beams	2 Piece(s)
Beam spacing	500 mm

Mechanical data

Type of muting sensors	PRK 25C retro-reflective photoelectric sensors
With device column	Yes
Number of muting sensors	4 Piece(s)
Column height without foot	1,600 mm

Classification

Customs tariff number	85365019
ECLASS 5.1.4	27272703
ECLASS 8.0	27272703
ECLASS 9.0	27272703
ECLASS 10.0	27272703
ECLASS 12.0	27272703
ECLASS 13.0	27272703
ECLASS 14.0	27272703
ECLASS 15.0	27272703
ETIM 5.0	EC001832
ETIM 6.0	EC001832
ETIM 7.0	EC001832
ETIM 8.0	EC001832
ETIM 9.0	EC001832
ETIM 10.0	EC001832

Notes



Observe intended use!



⚠ The product may only be put into operation by competent persons.

⚠ Only use the product in accordance with its intended use.

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 Connector, LED: No 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.