Technical data sheet
Safety sensor set
Part no.: 66900023
MLDSET-M1-1600T

Figure can vary

Contents

- Set consists of
- Technical data
- Notes
- Accessories

Set consists of

	Quantity	Part no.	Designation	Article	Description
	1	520151	AC-SCM5U-BT	Sensor connection module	Suitable for: MLD 330, MLD 530 multiple light beam safety devices Supply voltage: 24 V, DC, -20 ... 20 % Number of connections: 5 Piece(s) Connection: Cable with connector, M12, 500 mm Type of fastening: Mounting plate, Groove mounting
	1	66500100	MLD-M002	Deflecting mirror	Number of beams: 2 Piece(s) Beam spacing: 500 mm Type of fastening: Groove mounting, Swivel mount, Mounting on Device Column
	1	66568100	MLD530-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	426529	Set-AC-MTX.2-2S	Muting sensor set	Suitable for: MLD 500, MLD 300 multiple light beam safety devices Operating range: 0 ... 8 m Cable length of muting sensors: 2,000 mm Type of fastening: Supplied mounting bracket Type of muting sensors: PRK 25B retro-reflective photoelectric sensors Number of muting sensors: 2 Piece(s) Number of reflectors: 2 Piece(s)
	2	549853	UDC-1600-S2	Device column	Dimensions: 160 mm x 1,660 mm x 149 mm Column height without foot: 1,600 mm Functions: Mounting and protection of light curtains and multiple light beam devices, Adjustable, 3 directions

Technical data

Basic data

Series	MLDSET

Special version

Special version	Integrated muting indicator

Functions

Functions	Alternative connection for second muting signal
	Contactor monitoring (EDM), selectable
	Muting enable function
	Muting-timeout extension
	Start/restart interlock (RES), selectable
Reflective element for laser alignment aid	No
Muting type	Timing controlled 2-sensor muting

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

Optical data

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

Mechanical data

Type of muting sensors	PRK 25B retro-reflective photoelectric sensors
With device column	Yes
Number of muting sensors	2 Piece(s)
Column height without foot	1,600 mm

Technical data

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

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 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.