

## Technical data sheet

### Safety sensor set

Part no.: 66900013

MLDSET-M2-1600T4

#### Contents

- Set consists of
- Technical data
- Notes
- Accessories



Figure can vary



## Set consists of

	Quantity	Part no.	Designation	Article	Description
	1	426296	AC-ABF70	Acknowledgment unit	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 Functions: Reset of the start/restart interlock, Overriding with AOPDs with muting function, Illuminated reset buttons Reset buttons: Yes LED indicators: Yes
	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	66500200	MLD-M003	Deflecting mirror	Number of beams: 3 Piece(s) Beam spacing: 400 mm Type of fastening: Groove mounting, Swivel mount, Mounting on Device Column
	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	426528	Set-AC-MTX.2-4S	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: 4 Piece(s) Number of reflectors: 4 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
	Contacting 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 4-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 <sub>D</sub>	6.6E-09 per hour
Mission time T <sub>M</sub>	20 years, EN ISO 13849-1
Category	4, EN ISO 13849

### Protective field data

Operating range	0.5 ... 6 m
-----------------	-------------

### Optical data

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

## Technical data

### Mechanical data

Type of muting sensors	PRK 25B 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
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.