

## Technical data sheet

### Safety sensor/transceiver set

Part no.: 426536

MLD520-RT3-UDC-1600-S2

#### Contents

- Set consists of
- Technical data
- Suitable deflecting mirrors
- Accessories



For illustration purposes only



## Set consists of

	Quantity	Part no.	Designation	Article	Description
	1	66557200	MLD520-RT3	Multiple light beam safety device transceiver	Operating range: 0.5 ... 6 m Number of beams: 3 Piece(s) Beam spacing: 400 mm Response time: 25 ms Connection: Connector, M12, Metal, 8 -pin
	1	549853	UDC-1600-S2	Device column	Functions: Mounting and protection of light curtains and multiple light beam devices, Adjustable, 3 directions Column height without foot: 1,600 mm

## Technical data

### Basic data

Series	MLD-UDC
Device type	Transceiver

### Functions

Functions	Configuration by means of wiring Contactor monitoring (EDM), selectable Start/restart interlock (RES), selectable
Integrated laser alignment aid	No
Integrated muting indicator	No
Integrated status indicator	No

### 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
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

Net weight	7,650 g
With device column	Yes
Column height without foot	1,600 mm

### Certifications

### 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
ECLASS 16.0	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

## Suitable deflecting mirrors

	Part no.	Designation	Article	Description
	905068	MLD-M003-UDC-1600-S2	Safety sensor/deflecting mirror set	Number of beams: 3 Piece(s) Beam spacing: 400 mm With device column: Yes Column height without foot: 1,600 mm

# Suitable deflecting mirrors

Part no.	Designation	Article	Description
----------	-------------	---------	-------------

## Accessories

### Connection technology - Connection cables

Part no.	Designation	Article	Description
	50135128	KD S-M12-8A-P1-050	Connection cable
			Application: Oil and lubricant resistant 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.