

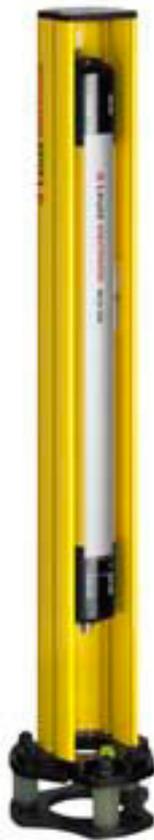
## Technical data sheet

### Safety sensor/receiver set

Part no.: 426308  
MLD520-R2L-UDC-1000-S2

#### Contents

- Set consists of
- Technical data
- Suitable transmitters
- Accessories



For illustration purposes only



## Set consists of

	Quantity	Part no.	Designation	Article	Description
	1	66556100	MLD520-R2L	Multiple light beam safety device receiver	Special version: Reflective element for laser alignment aid Number of beams: 2 Piece(s) Beam spacing: 500 mm Response time: 25 ms Connection: Connector, M12, Metal, 8 -pin
	1	549856	UDC-1000-S2	Device column	Functions: Mounting and protection of light curtains and multiple light beam devices, Adjustable, 3 directions Column height without foot: 1,000 mm

## Technical data

### Basic data

Series	MLD-UDC
Device type	Receiver

### Special version

Special version	Reflective element for laser alignment aid
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### Functions

Functions	Configuration by means of wiring Contactor monitoring (EDM), selectable Start/restart interlock (RES), selectable
Reflective element for laser alignment aid	Yes
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

### Optical data

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

### Mechanical data

Net weight	6,885 g
With device column	Yes
Column height without foot	1,000 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 transmitters

	Part no.	Designation	Article	Description
	426306	MLD500-T2L-UDC-1000-S2	Safety sensor/transmitter set	Special version: Integrated laser alignment aid Operating range: 0.5 ... 50 m Number of beams: 2 Piece(s) Beam spacing: 500 mm

## 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.