

## Technical data sheet

### Safety sensor/receiver set

Part no.: 426379

MLD510-R2-UDC-1000-S2-P






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## Set consists of

	Quantity	Part no.	Designation	Article	Description
	1	66533100	MLD510-R2	Multiple light beam safety device receiver	Number of beams: 2 Piece(s) Beam spacing: 500 mm Response time: 25 ms Connection: Connector, M12, Metal, 5 -pin
	1	426186	PSC-1000-S2	Protective screen	Suitable for: UDC-S2, DC-S2 device columns Dimensions: 980 mm Material: PMMA, gray
	1	549856	UDC-1000-S2	Device column	Functions: Mounting and protection of light curtains and multiple light beam devices, Adjustable, 3 directions Dimensions: 160 mm x 1,060 mm x 149 mm Column height without foot: 1,000 mm

## Technical data

### Basic data

Series	MLD-UDC
Device type	Receiver

### Special version

Special version	Protective screen
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### Functions

Functions	Contactor monitoring (EDM), selectable Start/restart interlock (RES), selectable
Reflective element for 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

### Optical data

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

### Mechanical data


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
ETIM 5.0	EC001832
ETIM 6.0	EC001832
ETIM 7.0	EC001832
ETIM 8.0	EC001832
ETIM 9.0	EC001832

## Suitable transmitters

	Part no.	Designation	Article	Description
	426345	MLD500-T2-UDC-1000-S2-P	Safety sensor/transmitter set	Special version: Protective screen Operating range: 0.5 ... 50 m Beam spacing: 500 mm

## Accessories

### Connection technology - Connection cables

	Part no.	Designation	Article	Description
	50133860	KD S-M12-5A-P1-050	Connection cable	Connection 1: Connector, M12, Axial, Female, A-coded, 5 -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.