

Technical data sheet

Safety sensor/transceiver set

Part no.: 426446

MLD510-RT3-UDC-1300-S2

Contents



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Figure can vary



Set consists of

	Quantity	Part no.	Designation	Article	Description
	1	66537200	MLD510-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, 5 -pin
	1	549852	UDC-1300-S2	Device column	Dimensions: 160 mm x 1,360 mm x 149 mm Column height without foot: 1,300 mm Functions: Mounting and protection of light curtains and multiple light beam devices, Adjustable, 3 directions

Technical data

Basic data

Series	MLD-UDC
Device type	Transceiver

Functions

Functions	Contactor monitoring (EDM), selectable Start/restart interlock (RES), selectable
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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	0.5 ... 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


With device column	Yes
Column height without foot	1,300 mm

Certifications

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

Suitable deflecting mirrors

	Part no.	Designation	Article	Description
	905067	MLD-M003-UDC-1300-S2	Safety sensor/deflecting mirror set	Series: MLD-UDC Number of beams: 3 Piece(s) Beam spacing: 400 mm With device column: Yes Column height without foot: 1,300 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 Connection 2: Open end Shielded: Yes Cable length: 5,000 mm Sheathing material: PUR
  	50133861	KD S-M12-5A-P1-100	Connection cable	Connection 1: Connector, M12, Axial, Female, A-coded, 5 -pin Connection 2: Open end Shielded: Yes Cable length: 10,000 mm Sheathing material: PUR
  	50137014	KD S-M12-5A-P1-150	Connection cable	Connection 1: Connector, M12, Axial, Female, A-coded, 5 -pin Connection 2: Open end Shielded: Yes Cable length: 15,000 mm Sheathing material: PUR
  	50137013	KD S-M12-5A-P1-500	Connection cable	Connection 1: Connector, M12, Axial, Female, A-coded, 5 -pin Connection 2: Open end Shielded: Yes Cable length: 50,000 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.