

Technical data sheet

Safety sensor/transceiver set

Part no.: 426287
MLD510-RT2-UDC-1000-S2

Contents

- Set consists of
- Technical data
- Suitable deflecting mirrors



For illustration purposes only



Set consists of

	Quantity	Part no.	Designation	Article	Description
	1	429175	CB-M12-5GF	Connector	Connection: Connector, M12, Axial, Female, A-coded, 5 -pin
	1	66537100	MLD510-RT2	Multiple light beam safety device transceiver	Operating range: 0.5 ... 8 m Number of beams: 2 Piece(s) Beam spacing: 500 mm Response time: 25 ms Connection: Connector, M12, Metal, 5 -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	Transceiver

Special version

Functions

Functions	Automatic restart
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 _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 ... 8 m
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Optical data

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

Mechanical data

Net weight	34 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 deflecting mirrors

	Part no.	Designation	Article	Description
	426305	MLD-M002-UDC-1000-S2	Safety sensor/ deflecting mirror set	Number of beams: 2 Piece(s) Beam spacing: 500 mm With device column: Yes Column height without foot: 1,000 mm