

Technical data sheet

Safety sensor/receiver set

Part no.: 426539

MLD530-R2LM-UDC-900-S2

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For illustration purposes only



Set consists of

	Quantity	Part no.	Designation	Article	Description
	1	66565100	MLD530-R2LM	Multiple light beam safety device receiver	Special version: Integrated muting indicator, Integrated status indicator, Reflective element for laser alignment aid Number of beams: 2 Piece(s) Beam spacing: 500 mm Response time: 50 ms Connection: Connector, M12, Metal, 8 -pin
	1	549855	UDC-900-S2	Device column	Functions: Mounting and protection of light curtains and multiple light beam devices, Adjustable, 3 directions Dimensions: 160 mm x 960 mm x 149 mm Column height without foot: 900 mm

Technical data

Basic data	
Series	MLD-UDC
Device type	Receiver
Special version	
Special version	Integrated muting indicator Reflective element for laser alignment aid
Functions	
Functions	Alternative connection for second muting signal Configuration by means of wiring Contactor monitoring (EDM), selectable Muting enable function Muting-timeout extension Partial muting Sequence controlled 2-sensor muting Start/restart interlock (RES) Timing controlled 2-sensor muting
Reflective element for laser alignment aid	Yes
Integrated muting indicator	Yes
Integrated status indicator	Yes

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

Optical data	
Number of beams	2 Piece(s)
Beam spacing	500 mm
Mechanical data	
With device column	Yes
Column height without foot	900 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
	426303	MLD500-T2L-UDC-900-S2	Safety sensor/transmitter set	Special version: Integrated laser alignment aid Operating range: 0.5 ... 50 m Beam spacing: 500 mm

Accessories

Connection technology - Connection cables

	Part no.	Designation	Article	Description
  	50135128	KD S-M12-8A-P1-050	Connection cable	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.