

Technical data sheet

Safety sensor/receiver set

Part no.: 426588

MLC510R30-900-UDC-1600-S2

Contents

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



For illustration purposes only



Set consists of

	Quantity	Part no.	Designation	Article	Description
	1	68001309	MLC510R30-900	Safety light curtain receiver	Function package: Basic Resolution: 30 mm Protective field height: 900 mm Response time: 9 ms Connection: Connector, M12, Metal, 5 -pin
	1	549853	UDC-1600-S2	Device column	Functions: Mounting and protection of light curtains and multiple light beam devices, Adjustable, 3 directions Column height without foot: 1,600 mm

Technical data

Basic data

Series	MLC-UDC
Device type	Receiver
Application	Hand protection

Functions

Function package	Basic
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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	7.73E-09 per hour
Mission time T _M	20 years, EN ISO 13849-1
Category	4, EN ISO 13849

Protective field data

Resolution	30 mm
Protective field height	900 mm

Mechanical data

Net weight	6,970 g
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Certifications

Degree of protection	IP 65
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Classification

Customs tariff number	85365019
ECLASS 5.1.4	27272704
ECLASS 8.0	27272704
ECLASS 9.0	27272704
ECLASS 10.0	27272704
ECLASS 11.0	27272704
ECLASS 12.0	27272704
ECLASS 13.0	27272704
ECLASS 14.0	27272704
ECLASS 15.0	27272704
ECLASS 16.0	27272704
ETIM 5.0	EC002549
ETIM 6.0	EC002549
ETIM 7.0	EC002549
ETIM 8.0	EC002549
ETIM 9.0	EC002549
ETIM 10.0	EC002549

Suitable transmitters

	Part no.	Designation	Article	Description
	426587	MLC500T30-900-UDC-1600-S2	Safety sensor/transmitter set	Resolution: 30 mm Protective field height: 900 mm Operating range: 0 ... 10 m

Accessories

Connection technology - Connection cables

	Part no.	Designation	Article	Description
	50133860	KD S-M12-5A-P1-050	Connection cable	Application: Oil and lubricant resistant 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.