

## Technical data sheet Safety sensor/receiver set

Part no.: 426662

MLC510R30-1800-UDC-2100-S2

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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 <sub>D</sub>	7.73E-09 per hour
Mission time T <sub>M</sub>	20 years, EN ISO 13849-1
Category	4, EN ISO 13849

### Protective field data

Resolution	30 mm
Protective field height	1,800 mm

### Mechanical data

Net weight	7,565 g
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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.