

## Technical data sheet

### Safety sensor/transmitter set

Part no.: 426587

MLC500T30-900-UDC-1600-S2

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For illustration purposes only



## Set consists of

|                                                                                   | Quantity | Part no. | Designation   | Article                          | Description                                                                                                                                                                                      |
|-----------------------------------------------------------------------------------|----------|----------|---------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | 1        | 68000309 | MLC500T30-900 | Safety light curtain transmitter | Resolution: 30 mm<br>Protective field height: 900 mm<br>Operating range: 0 ... 10 m<br>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<br>Dimensions: 160 mm x 1,660 mm x 149 mm<br>Column height without foot: 1,600 mm |

## Technical data

### Basic data

|             |                 |
|-------------|-----------------|
| Series      | MLC-UDC         |
| Device type | Transmitter     |
| Application | Hand protection |

### Characteristic parameters

|                             |                          |
|-----------------------------|--------------------------|
| Type                        | 4, IEC/EN 61496          |
| SIL                         | 3, IEC 61508             |
| SILCL                       | 3, IEC/EN 62061          |
| Mission time T <sub>M</sub> | 20 years, EN ISO 13849-1 |

### Protective field data

|                         |            |
|-------------------------|------------|
| Resolution              | 30 mm      |
| Protective field height | 900 mm     |
| Operating range         | 0 ... 10 m |

### Certifications

|                      |       |
|----------------------|-------|
| Degree of protection | IP 65 |
|----------------------|-------|

### 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 |
| 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 receivers

|                                                                                     | Part no. | Designation               | Article                    | Description                                             |
|-------------------------------------------------------------------------------------|----------|---------------------------|----------------------------|---------------------------------------------------------|
|  | 426588   | MLC510R30-900-UDC-1600-S2 | Safety sensor/receiver set | Application: Hand protection<br>Function package: Basic |

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<br>Connector, LED: No<br>Connection 2: Open end<br>Shielded: Yes<br>Cable length: 5.000 mm<br>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.