

## Technical data sheet

### Safety sensor/transceiver set

Part no.: 426428  
MLD510-RT2-UDC-1300-S2

#### Contents

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For illustration purposes only



## Set consists of

|                                                                                   | Quantity | Part no. | Designation | Article                                       | Description                                                                                                                                              |
|-----------------------------------------------------------------------------------|----------|----------|-------------|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | 1        | 66537100 | MLD510-RT2  | Multiple light beam safety device transceiver | Operating range: 0.5 ... 8 m<br>Number of beams: 2 Piece(s)<br>Beam spacing: 500 mm<br>Response time: 25 ms<br>Connection: Connector, M12, Metal, 5 -pin |
|                                                                                   | 1        | 549852   | UDC-1300-S2 | Device column                                 | Functions: Mounting and protection of light curtains and multiple light beam devices, Adjustable, 3 directions<br>Column height without foot: 1,300 mm   |

## Technical data

### Basic data

|             |             |
|-------------|-------------|
| Series      | MLD-UDC     |
| Device type | Transceiver |

### Special version

|                 |                                            |
|-----------------|--------------------------------------------|
| Special version | Reflective element for laser alignment aid |
|-----------------|--------------------------------------------|

### 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 <sub>D</sub>            | 6.6E-09 per hour         |
| Mission time T <sub>M</sub> | 20 years, EN ISO 13849-1 |
| Category                    | 4, EN ISO 13849          |

### Protective field data

|                 |             |
|-----------------|-------------|
| Operating range | 0.5 ... 8 m |
|-----------------|-------------|

### Optical data

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

### Mechanical data

|                            |          |
|----------------------------|----------|
| Net weight                 | 6,248 g  |
| With device column         | Yes      |
| Column height without foot | 1,300 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                                                                                                            |
|-----------------------------------------------------------------------------------|----------|----------------------|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------|
|  | 905065   | MLD-M002-UDC-1300-S2 | Safety sensor/<br>deflecting mirror set | Number of beams: 2 Piece(s)<br>Beam spacing: 500 mm<br>With device column: Yes<br>Column height without foot: 1,300 mm |