

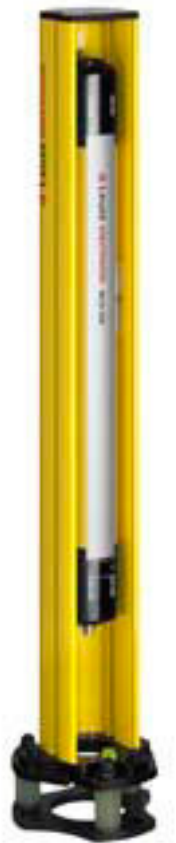
# Technical data sheet

## Safety sensor/transmitter set

Part no.: 426306  
MLD500-T2L-UDC-1000-S2

### Contents

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- Suitable receivers
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For illustration purposes only



## Set consists of

|                                                                                   | Quantity | Part no. | Designation | Article                                       | Description                                                                                                                                                                                      |
|-----------------------------------------------------------------------------------|----------|----------|-------------|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | 1        | 66502100 | MLD500-T2L  | Multiple light beam safety device transmitter | Special version: Integrated laser alignment aid<br>Operating range: 0.5 ... 50 m<br>Number of beams: 2 Piece(s)<br>Beam spacing: 500 mm<br>Connection: Connector, M12, Metal, 5 -pin             |
|                                                                                   | 1        | 549856   | UDC-1000-S2 | Device column                                 | Functions: Mounting and protection of light curtains and multiple light beam devices, Adjustable, 3 directions<br>Dimensions: 160 mm x 1,060 mm x 149 mm<br>Column height without foot: 1,000 mm |

## Technical data

### Basic data

|             |             |
|-------------|-------------|
| Series      | MLD-UDC     |
| Device type | Transmitter |

### Special version

|                 |                                |
|-----------------|--------------------------------|
| Special version | Integrated laser alignment aid |
|-----------------|--------------------------------|

### Functions

|                                |     |
|--------------------------------|-----|
| Integrated laser alignment aid | Yes |
| Integrated status indicator    | No  |

### 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 |
| Category                    | 4, EN ISO 13849          |

### Protective field data

|                 |              |
|-----------------|--------------|
| Operating range | 0.5 ... 50 m |
|-----------------|--------------|

### Optical data

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

### Mechanical data

|                            |          |
|----------------------------|----------|
| With device column         | Yes      |
| Column height without foot | 1,000 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 |
| 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 receivers

|                                                                                     | Part no. | Designation            | Article                    | Description                                                                         |
|-------------------------------------------------------------------------------------|----------|------------------------|----------------------------|-------------------------------------------------------------------------------------|
|  | 426415   | MLD510-R2L-UDC-1000-S2 | Safety sensor/receiver set | Special version: Reflective element for laser alignment aid<br>Beam spacing: 500 mm |

## Suitable receivers

|                                                                                   | Part no. | Designation             | Article                    | Description                                                                                                      |
|-----------------------------------------------------------------------------------|----------|-------------------------|----------------------------|------------------------------------------------------------------------------------------------------------------|
|  | 426308   | MLD520-R2L-UDC-1000-S2  | Safety sensor/receiver set | Special version: Reflective element for laser alignment aid<br>Beam spacing: 500 mm                              |
|                                                                                   | 426307   | MLD530-R2LM-UDC-1000-S2 | Safety sensor/receiver set | Special version: Integrated muting indicator, Reflective element for laser alignment aid<br>Beam spacing: 500 mm |

## 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.