

## Technical data sheet

### Safety sensor set

Part no.: 66900026

MLDSET-M2-1300L

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For illustration purposes only



## Set consists of

|  | Quantity | Part no. | Designation      | Article                                       | Description  |
|--|----------|----------|------------------|---|--|
|   | 1        | 520151   | AC-SCM5U-BT      | Sensor connection module                      | Suitable for: MLD 330, MLD 530 multiple light beam safety devices<br>Supply voltage: 24 V, DC, -20 ... 20 %<br>Number of connections: 5 Piece(s)<br>Connection: Cable with connector, M12, 500 mm<br>Type of fastening: Mounting plate, Groove mounting  |
|   | 1        | 66500200 | MLD-M003         | Deflecting mirror                             | Number of beams: 3 Piece(s)<br>Beam spacing: 400 mm<br>Type of fastening: Groove mounting, Mounting on Device Column, Swivel mount   |
|   | 1        | 66568200 | MLD530-RT3M      | Multiple light beam safety device transceiver | Special version: Integrated muting indicator, Integrated status indicator<br>Operating range: 0.5 ... 6 m<br>Number of beams: 3 Piece(s)<br>Beam spacing: 400 mm<br>Response time: 50 ms<br>Connection: Connector, M12, Metal, 8 -pin  |
|    | 1        | 426526   | Set-AC-MLX.2-2SA | Muting sensor set                             | Suitable for: MLD 500, MLD 300 multiple light beam safety devices<br>Operating range: 0.05 ... 4 m<br>Type of fastening: Supplied mounting bracket<br>Type of muting sensors: PRK 25C retro-reflective photoelectric sensors<br>Number of muting sensors: 2 Piece(s)<br>Number of reflectors: 2 Piece(s) |
|  | 2        | 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 | MLDSET |
|--------|--------|

### Special version

|                 |                             |
|-----------------|-----------------------------|
| Special version | Integrated muting indicator |
|-----------------|-----------------------------|

### Functions

|  |  |
|--|--|
| Functions                                  | Alternative connection for second muting signal<br>Contactor monitoring (EDM), selectable<br>Muting enable function<br>Muting-timeout extension<br>Start/restart interlock (RES), selectable |
| Integrated laser alignment aid             | No   |
| Reflective element for laser alignment aid | No   |
| Integrated muting indicator                | Yes  |
| Integrated status indicator                | Yes  |
| Muting type                                | Sequence controlled 2-sensor muting  |

### 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 ... 6 m |
|-----------------|-----------|

### Optical data

|                 |            |
|-----------------|------------|
| Number of beams | 3 Piece(s) |
| Beam spacing    | 400 mm     |

### Mechanical data

|                            |  |
|----------------------------|--|
| Net weight                 | 10,200 g                                       |
| Type of muting sensors     | PRK 25C retro-reflective photoelectric sensors |
| With device column         | Yes  |
| Number of muting sensors   | 2 Piece(s)                                     |
| Column height without foot | 1,300 mm                                       |

## Technical data

|                       |          |
|-----------------------|----------|
| 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 |
| UNSPSC 26.08          | 32151804 |

## Notes

**Observe intended use!**

- The product may only be put into operation by competent persons.
- Only use the product in accordance with its intended use.

## Accessories

### Connection technology - Connection cables

|  | Part no. | Designation        | Article          | Description  |
|--|----------|--------------------|------------------|--|
|  | 50135128 | KD S-M12-8A-P1-050 | Connection cable | Application: Oil and lubricant resistant<br>Connection 1: Connector, M12, Axial, Female, A-coded, 8 -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.