

Technical data sheet

Safety sensor/receiver set

Part no.: 426599

MLD510-XR3L-UDC-1140-S2

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For illustration purposes only



Set consists of

| | Quantity | Part no. | Designation | Article | Description |
|---|----------|----------|-------------|--|---|
|  | 1 | 66536600 | MLD510-XR3L | Multiple light beam safety device receiver | Special version: Reflective element for laser alignment aid Number of beams: 3 Piece(s) Beam spacing: 400 mm Response time: 25 ms Connection: Connector, M12, Metal, 5 -pin |
| | 1 | 549879 | UDC-1140-S2 | Device column | Functions: Adjustable, 3 directions, Mounting and protection of light curtains and multiple light beam devices Column height without foot: 1,140 mm |

Technical data

Basic data

| | |
|-------------|----------|
| Series | MLD-UDC |
| Device type | Receiver |

Special version

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

Functions

| | |
|--|-------------------|
| Functions | Automatic restart |
| Reflective element for laser alignment aid | Yes |
| 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 _D | 6.6E-09 per hour |
| Mission time T _M | 20 years, EN ISO 13849-1 |
| Category | 4, EN ISO 13849 |

Optical data

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

Mechanical data

| | |
|----------------------------|----------|
| Net weight | 8,194 g |
| With device column | Yes |
| Column height without foot | 1,140 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 transmitters

| | Part no. | Designation | Article | Description |
|---|----------|-------------------------|-------------------------------|--|
|  | 426598 | MLD500-XT3L-UDC-1140-S2 | Safety sensor/transmitter set | Special version: Integrated laser alignment aid Operating range: 20 ... 70 m Number of beams: 3 Piece(s) Beam spacing: 400 mm |

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.