



Safety light curtains C4000 ATEX II 3G/3D based on C4000 Standard

C40E-S123, C40S-S123



receiver

Model Name > C40E-S123
Part No. > 1050748



sender

Model Name > C40S-S123
Part No. > 1050747



At a glance

- Type 4 (IEC 61496), PL e (EN ISO 13849)
- ATEX II 3G/3D (2/22 zones)
- 7-segment display
- Beam coding for correct system allocation
- Configuration and diagnostics via PC
- External device monitoring (EDM) and restart interlock (RES)
- Accessory Clone Plug - for configuration memory
- Labelling Gas: Ex nA op is IIC T4 0°C
- Labelling Dust: Ex tD A22 IP65 T123°C X

Your benefits

- ATEX II 3G/3D for use in 2/22 zones
- Large scanning ranges up to 19 m and sufficient power reserve for use in paint finishing lines, for example
- 7-segment display saves time during alignment and diagnostics
- Beam coding protects the systems against optical interference by ensuring a high level of availability
- Preconfigured light curtains and the clone plug enables easy and rapid commissioning
- Precise, convenient configuration and diagnostics reduces downtime



Functions-Sender

| | |
|---|---|
| Beam coding: | ✓ |
| Reduced resolution: | - |
| Configuration method: | PC with CDS (Configuration and Diagnostic Software) |
| Extension connection: | - |
| PSDI mode with: | UE402 |
| Safe SICK device communication via EFI/SDL: | ✓ |

Functions-Receiver

| | |
|--|---|
| Restart interlock: | ✓ |
| Restart interlock (delivery status): | External |
| External device monitoring (EDM): | ✓ |
| External device monitoring (delivery status): | Deactivated |
| Beam coding: | ✓ |
| Beam coding (delivery status): | Non-coded |
| Reduced resolution: | - |
| Bypass (with UE402): | ✓ |
| Emergency stop/bypass at extension connection: | - |
| Operating mode switching (with UE402): | ✓ |
| PSDI mode with: | UE402 |
| Muting with: | Flexi Classic |
| Configuration method: | PC with CDS (Configuration and Diagnostic Software) |
| Extension connection: | - |
| Safe SICK device communication via EFI/SDL: | ✓ |

Technical Data-Sender

| | |
|---|---|
| Protective field height: | 1,650 mm |
| Resolution: | 30 mm |
| Housing length: | 1,782 mm |
| Housing cross-section: | 48 mm x 40 mm |
| Type: | Type 4 (IEC 61496) |
| Safety integrity level: | SIL3 (IEC 61508), SILCL3 (IEC 62061) |
| Category: | category 4 (EN ISO 13849) |
| Performance level: | PL e (EN ISO 13849) |
| PFHd: | 1.5 * 1E-08 |
| TM (mission time): | 20 a |
| Supply voltage typical, from, to: | 24 V DC, 19.2 V DC, 28.8 V DC |
| Connection type: | Hirschmann plug M26 x 11 + FE, straight |
| Connection type configuration connection: | M8 x 4 |
| Maximum connection cable cross-section: | 0.75 mm ² |
| Wave length: | 950 nm |
| Protection class: | III |
| Enclosure rating: | IP 65 |
| Ambient operating temperature: | 0 °C ... 55 °C |
| Vibration resistance (checked to): | 5 g (IEC 60068-2-6) |
| Oscillation frequency from ... to: | 10 Hz ... 55 Hz |
| Shock resistance: | 10 g, 16 ms (IEC 60068-2-29) |
| Weight: | 3,390 g |

Technical Data-Receiver

| | |
|---|--------------------------------------|
| Protective field height: | 1,650 mm |
| Resolution: | 30 mm |
| Scanning range from ... to: | 0 m ... 19 m |
| Scanning range from ... to (delivery status): | 0 m ... 6 m |
| Housing length: | 1,782 mm |
| Housing cross-section: | 48 mm x 40 mm |
| Type: | Type 4 (IEC 61496) |
| Safety integrity level: | SIL3 (IEC 61508), SILCL3 (IEC 62061) |

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