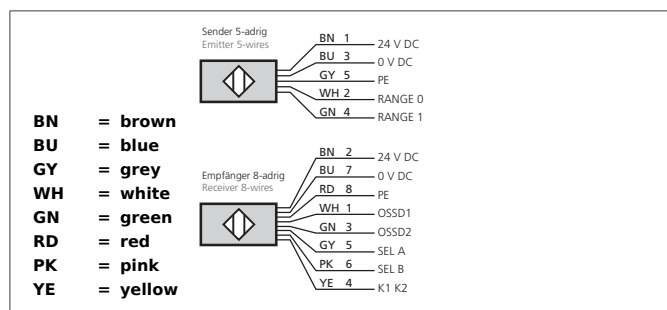


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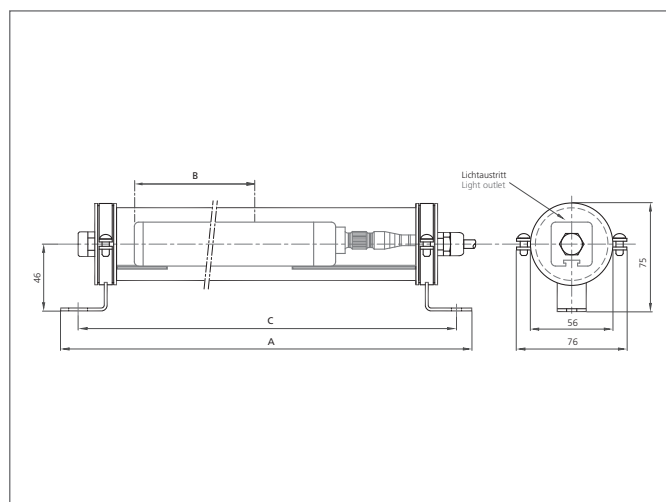
Safety light curtain in IP 69K protective housing

- Highest safety level
- Resolution for hand protection
- High operating distance for large systems
- Light curtain integrated in protective enclosure - protection class IP 69K
- For use in the beverage and food industry
- Avoiding of condensate by GORE-valve
- ECOLAB approval
- Integrated safety function - no external safety relay required
- Parameterisation via connecting cable
- Selectable manual or automatic Start/Restart
- Feedback input for external relay monitoring (EDM)



Safety instructions

All the installation, connection and safety regulations, as per our technical information, have to be strictly adhered to.
The set-up of the products have to be made by skilled staff, only.
Repair exclusively made by di-soric.



| TECHNICAL INFORMATION (typ.) | |
|----------------------------------|--|
| Safety level | +20°C, 24 V DC Type 4 (IEC/TS 61496-2), SIL 3 (IEC 61508), SILCL 3 (IEC 62061), PL e - Cat. 4 (EN ISO 13849-1) |
| Security level | Hand detection |
| Total height (A) | 637 mm |
| Protective field height (B) | 460 mm |
| Hole spacing | 615 mm (C), ± 3 mm |
| Model | built-in control functions (EDM), extended range |
| Models in enclosure | Watertight 80 bar |
| Mounting | POM-C and stainless steel fastening brackets (AISI 316L) |
| Number of beams | 23 |
| Emitted light | Infrared, 950 nm |
| Safety output | PNP (2x), 400 mA / 24 V DC |
| Service voltage | 19,2 ... 28,8 V DC |
| Operating distance | 8 m (Low Range) / 17 m (High Range) |
| Resolution | 30 mm |
| Inverse polarity protection | Yes |
| Display | LEDs for light curtain's status and diagnostic |
| Start / restart | Automatic / manual (selectable) |
| External Device Monitoring - EDM | Feedback input, enabling selectable |
| Short-circuit protection | yes |
| Reaction time | 5 ms |
| Ambient temperature | -10 ... +55 °C |
| Protection class | IP 69K |

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Safety light curtain in IP 69K protective housing

| TECHNICAL INFORMATION (typ.) | | +20°C, 24 V DC |
|------------------------------|--|---|
| Protection degree | | III, operation on protective low voltage |
| Casing material | | Aluminium |
| Material | | polycarbonate (Window) |
| Material enclosure | | PMMA enclosure (polymethyl methacrylate), POM-C sealing caps (acetal resin - DELRIN), GORE valve |
| Connection | | pre-wired with cable gland, 10 m cable |
| Cable | | 5-wires transmitter, 8-wires receiver, flying leads |
| Scope of delivery | | Emitter + receiver, CD-ROM containing the multi-language instruction manual, quick installation guide, POM-C and stainless steel fastening brackets |