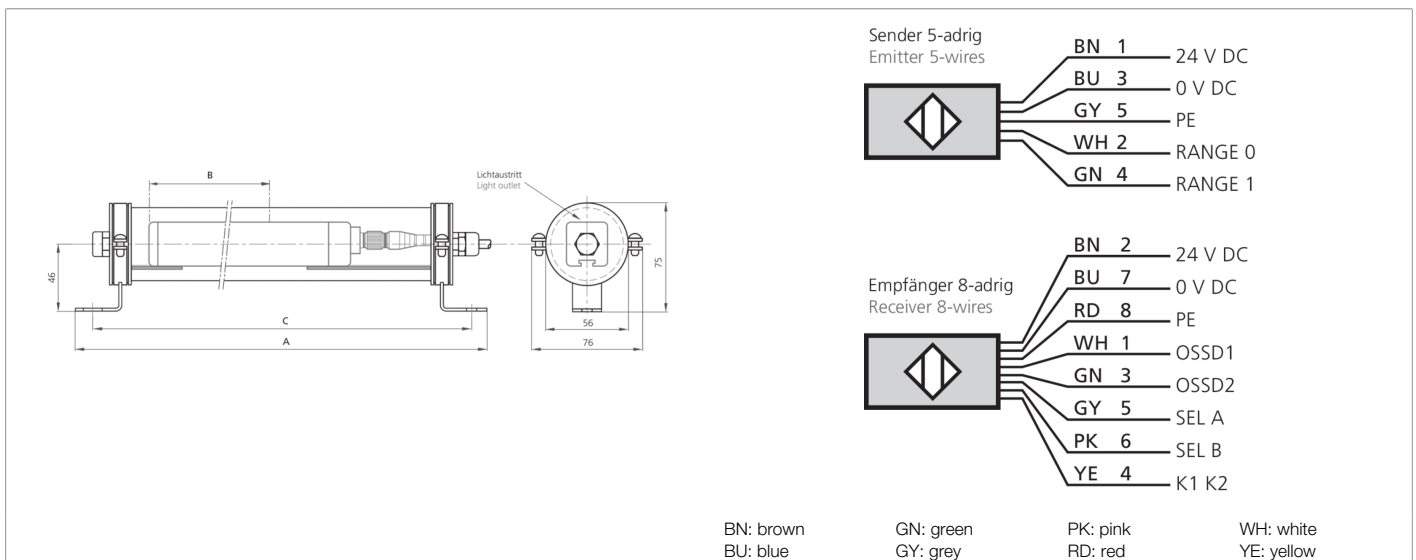




209164
SLIH4-453-WTF
Safety light curtain in IP 69K protective housing

- Highest safety level
- Resolution for hand protection
- Long range for large systems
- Light curtain integrated in protective enclosure - protection class IP 69K
- Prevention of condensate by GORE valve
- ECOLAB approval
- Integrated safety function - No external safety relay required
- Parameterization via connecting cable
- Selectable manual or automatic Start/Restart
- Feedback input for external relay monitoring (EDM)



| Function | | | | | | | | | | |
|----------|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | |

| Technical data (typ.) | +20°C, 24 V DC |
|--|---|
| Service voltage | 19.2 ... 28.8 V DC |
| Inverse polarity protection | Yes |
| Short-circuit protection | Yes |
| Total height (A) | 637 mm |
| Hole spacing | C: 615 mm ± 3 mm |
| Mounting | POM-C and stainless steel fastening brackets (AISI 316L) |
| Housing material | Aluminum |
| Material | Polycarbonate (Window) |
| Material enclosure | PMMA enclosure (polymethyl methacrylate - acrylic glass), POM-C sealing caps (acetal resin - DELRIN), GORE valve |
| Characteristic variables | Typ 4, Typ 4 (IEC/TS 61496-2), SIL 3 (IEC 61508), SILCL 3 (IEC 62061), PL e - Kat. 4 (EN ISO 13849-1) |
| Protective function | Hand protection |
| Protection class | III, operation on protective low voltage |
| Model | built-in control functions (EDM), extended range |
| Models in enclosure | Watertight 80 bar |
| Start / restart | Automatic / manual (selectable) |
| External device (relay) monitoring - EDM | Feedback input, selectable release |
| Scope of delivery | Transmitter + receiver, CD-ROM containing the multi-language operating instructions, Quick installation guide, POM-C and stainless steel fastening brackets |



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Safety light curtain in IP 69K protective housing

| Technical data (typ.) | +20°C, 24 V DC |
|--------------------------------------|---|
| Safety output | pnp (2x), 400 mA / 24 V DC |
| Light source | LED |
| Color | Infrared |
| Wavelength | 950 nm |
| Number of beams | 23 |
| Protective field height (B) | 460 mm |
| Range | 8000 mm (Low range) / 17000 mm (High range) |
| Resolution | 30.0 mm |
| Display | LED (Self-diagnosis and status of light barrier) |
| Reaction time | 5 ms |
| Ambient temperature during operation | -10 ... +55 °C |
| Protection type | IP 69K |
| Connection | Cable, 10.0 m (Pre-wired with strain relief) |
| Cable | 5-wire transmitter, 8-wire receiver, flying leads |
| More information / accessories | https://www.di-soric.com/209164 |