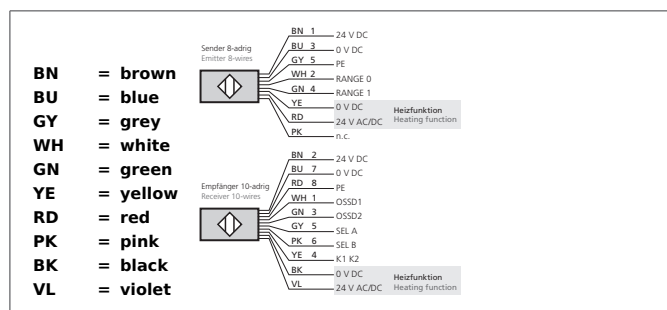


SLIH4-1803-WTHF

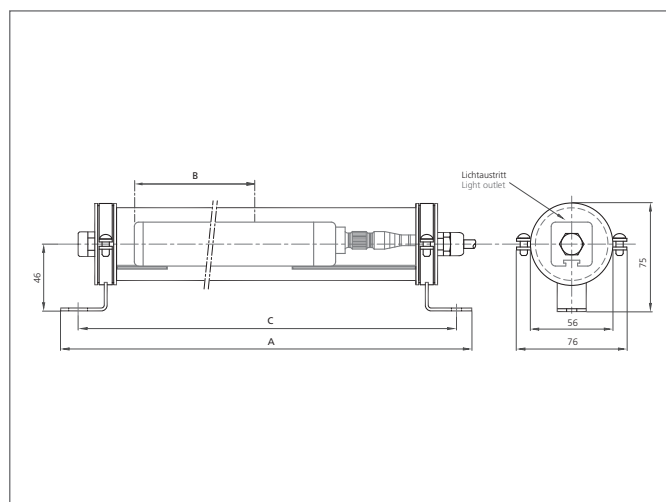
Safety light curtain in IP 69K protective housing

- Highest safety level
- Resolution for hand protection
- High operating distance for large systems
- Heating function for low-temperature applications
- 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.)		+20°C, 24 V DC
Safety level		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)		1.987 mm
Protective field height (B)		1.810 mm
Hole spacing		2.965 mm (C), ± 3 mm
Model		built-in control functions (EDM), extended range
Models in enclosure		Watertight 80 bar and heated
Mounting		POM-C and stainless steel fastening brackets (AISI 316L)
Number of beams		91
Emitted light		Infrared, 950 nm
Safety output		PNP (2x), 400 mA / 24 V DC
Service voltage		19,2 ... 28,8 V DC
Power consumption with heating		36,2 W, (24 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		13 ms
Ambient temperature		-25 ... +55 °C

SLIH4-1803-WTHF**Safety light curtain in IP 69K protective housing**

TECHNICAL INFORMATION (typ.)		+20°C, 24 V DC
Protection class		IP 69K
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		8-wires transmitter, 10-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