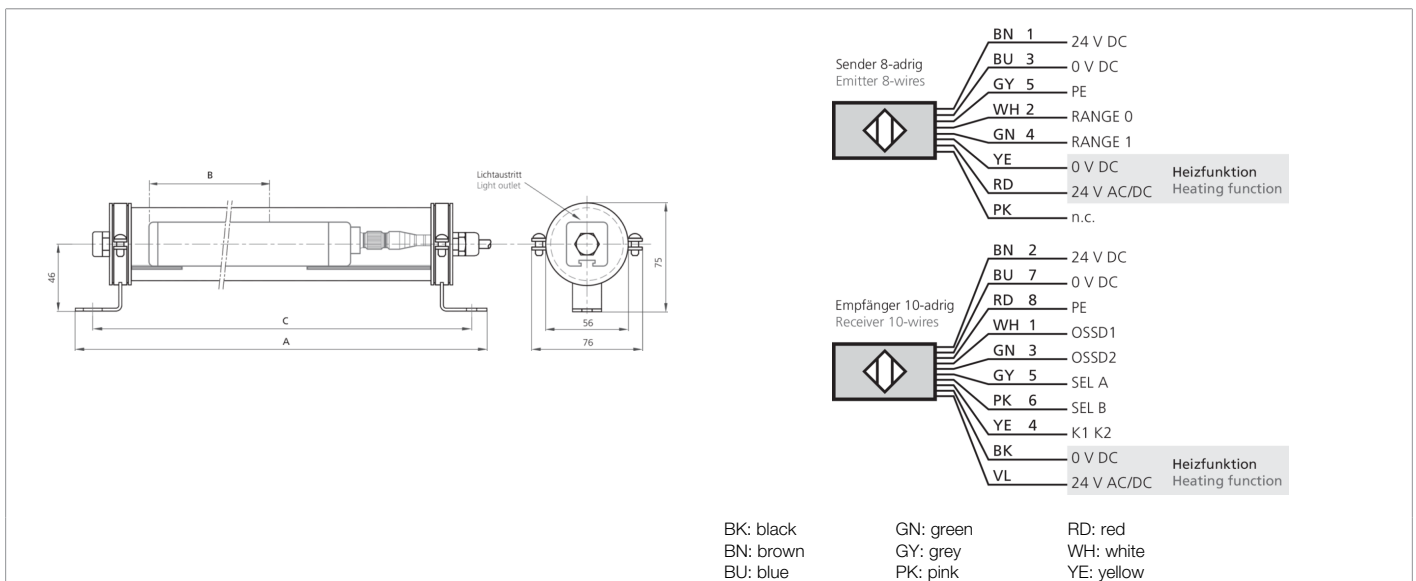




209145
SLIH4-1803-WTHF
Safety light curtain in IP 69K protective housing

- Highest safety level
- Resolution for hand protection
- Long range for large systems
- Heating function for low-temperature applications
- Light curtain integrated in protective enclosure - protection class IP 69K
- 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
Power consumption with heating	36.2 W (24 V DC)
Inverse polarity protection	Yes
Short-circuit protection	Yes
Total height (A)	1987 mm
Hole spacing	C: 2965 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 and heated
Start / restart	Automatic / manual (selectable)
External device (relay) monitoring - EDM	Feedback input, selectable release



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Technical data (typ.)		+20°C, 24 V DC
Scope of delivery	Transmitter + receiver, CD-ROM containing the multi-language operating instructions, Quick installation guide, POM-C and stainless steel fastening brackets	
Safety output	pnp (2x), 400 mA / 24 V DC	
Light source	LED	
Color	Infrared	
Wavelength	950 nm	
Number of beams	91	
Protective field height (B)	1810 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	13 ms	
Ambient temperature during operation	-25 ... +55 °C	
Protection type	IP 69K	
Connection	Cable, 10.0 m (Pre-wired with strain relief)	
Cable	8-wire transmitter, 10-wire receiver, flying leads	
More information / accessories		https://www.di-soric.com/209145