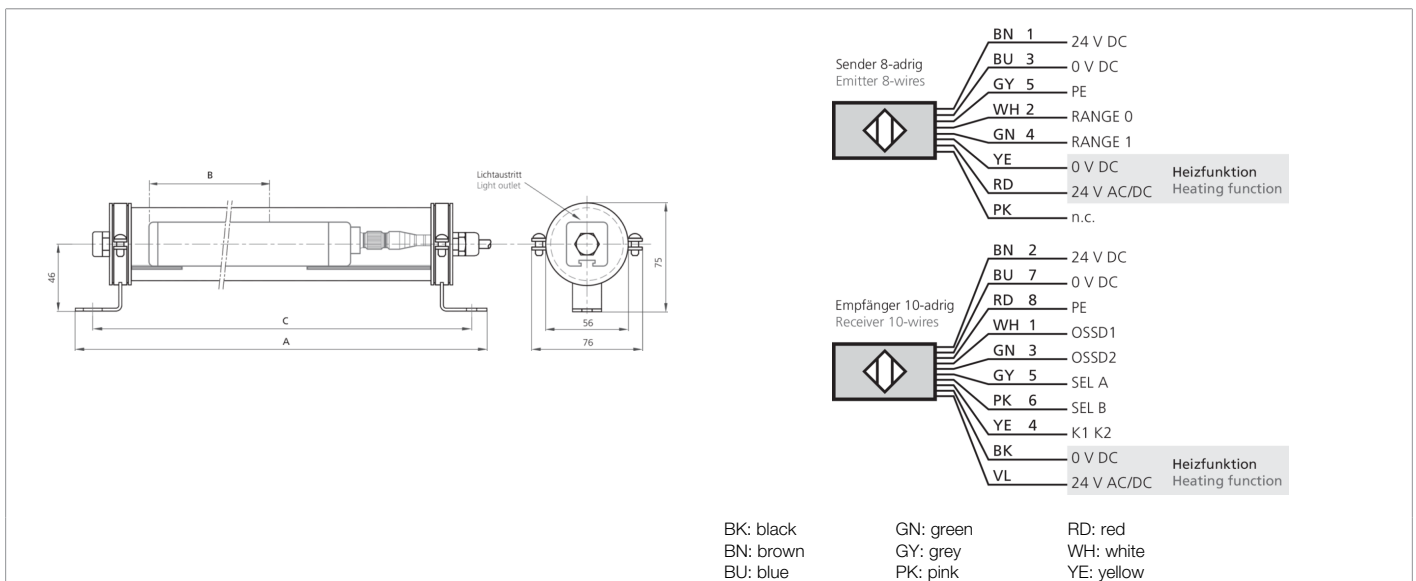




209161
SLIH4-3B-WTHF
Safety light grid in IP 69K protective housing

- Highest safety level
- Light beam interspace for access control
- Long range for large systems
- Heating function for low-temperature applications
- Light grid 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	16.2 W (24 V DC)
Inverse polarity protection	Yes
Short-circuit protection	Yes
Total height (A)	1077 mm
Hole spacing	C: 1055 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	Access control
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



209161

SLIH4-3B-WTHF

Safety light grid in IP 69K protective housing

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
Beam separation	400 mm
Number of beams	3
Protective field height (B)	810 mm
Range	8000 mm (Low range) / 17000 mm (High range)
Display	LED (Self-diagnosis and status of light barrier)
Reaction time	2.5 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/209161