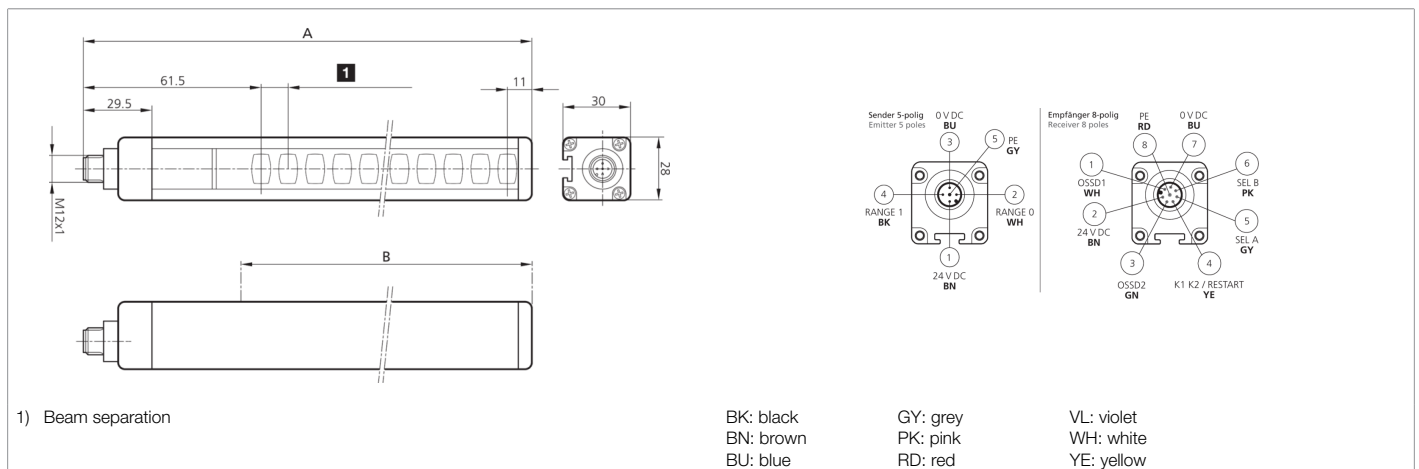




209146 SLIH4-1804 Safety light curtain

- Highest safety level
- Resolution for hand protection
- Long range for large systems and applications with deflector mirrors
- Protective range to profile end
- 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)
- Unshielded connecting cables up to 100 m
- High protection type



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)							1886 mm									
Mounting							T-groove (backside), / Holder SFB E 180 (optional)									
Housing material							Aluminum									
Material							Polycarbonate (Window)									
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									
Start / restart							Automatic / manual (selectable)									
External device (relay) monitoring - EDM							Feedback input, selectable release									
Scope of delivery							Transmitter + receiver, one set of standard fixing brackets SA 6, CD-ROM containing the multi-language operating instructions, Quick installation guide									
Safety output							pnp (2x), 400 mA / 24 V DC									
Light source							LED									
Color							Infrared									
Wavelength							950 nm									
Number of beams							61									
Protective field height (B)							1810 mm									

**209146****SLIH4-1804****Safety light curtain****Technical data (typ.)****+20°C, 24 V DC**

Range	10000 mm (Low range) / 20000 mm (High range)
Resolution	40.0 mm
Display	LED (Self-diagnosis and status of light barrier)
Reaction time	9.5 ms
Ambient temperature during operation	-20 ... +55 °C
Protection type	IP 65 / IP 67
Connection	Connector, M12, 5-pin (Transmitter)
Connection 2	Connector, M12, 8-pin (Receiver)
Cable	unshielded connection cables max. 100 m

More information / accessories<https://www.di-soric.com/209146>