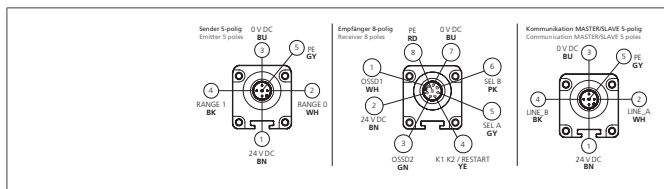
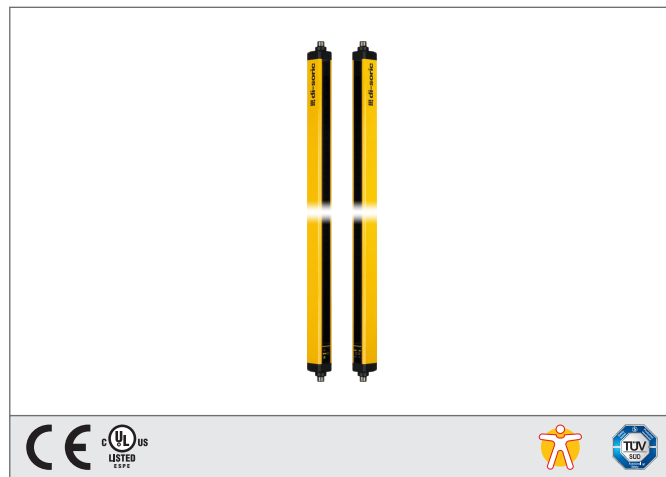


SLI2-1809-M

Safety light curtain

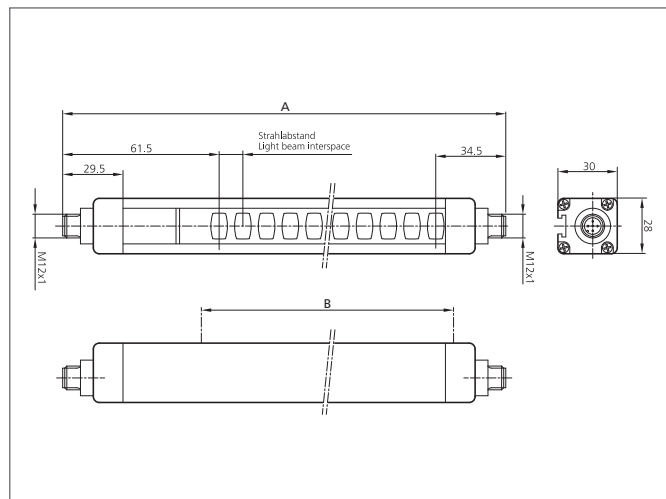


- Attractive priced solution for safety level 2
- Resolution for body protection and presence control
- Combination of different resolutions and protective field heights
- Up to three monitoring areas
- Only one safety module / two relays required for evaluation
- Simplified cabling via series connection
- Unshielded cable connections
- Cable connection Master up to 100 m
- Cable connection Master / Slave 2 / Slave up to 50 m
- Selectable manual or automatic Start/Restart
- Feedback input for external relay monitoring (EDM)
- High protection class



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.)	
Safety level	+20°C, 24 V DC Type 2 (IEC/TS 61496-2), SIL 1 (IEC 61508), SILCL 1 (IEC 62061), PL c - Cat. 2 (EN ISO 13849-1)
Security level	Body protection
Total height (A)	1.910 mm
Protective field height (B)	1.810 mm
Model	built-in control functions (EDM), Master
Mounting	T-shaped slot (Backside), / Holder SFB E 180 (optional)
Number of beams	24
Emitted light	Infrared, 950 nm
Safety output	PNP (2x), 400 mA / 24 V DC
Service voltage	19,2 ... 28,8 V DC
Operating distance	4 m (Low Range) / 12 m (High Range)
Resolution	90 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	calculation formula
Self diagnostic	Every 500 ms (2 Hz)
Ambient temperature	-30 ... +55 °C
Protection class	IP 65, IP 67
Protection degree	III, operation on protective low voltage

SLI2-1809-M

Safety light curtain



TECHNICAL INFORMATION (typ.)		+20°C, 24 V DC
For		Operating with Slave or Slave 2 / Slave
Casing material		Aluminium
Material		polycarbonate (Window)
Connection		M12, 5poled for transmitter, M12, 8poled for receiver, Connector, (Master)
Connection Master / Slave 2 / Slave		Connector, M12, 5-poled for transmitter and receiver
Cable		unshielded connection cables max. 100 m, unshielded connecting cables Master / Slave 2 / Slave max. 50 m
Scope of delivery		Emitter + receiver, one set of standard fixing brackets SA 6, CD-ROM containing the multi-language instruction manual, quick installation guide