

SLI2-253-S

Safety light curtain

- Attractive priced solution for safety level 2
- Resolution for hand protection
- 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 / Slave 2 / Slave up to 50 m
- 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.)	+20°C, 24 V DC
Safety level	Type 2 (IEC/TS 61496-2), SIL 1 (IEC 61508), SILCL 1 (IEC 62061), PL c - Cat. 2 (EN ISO 13849-1)
Security level	Hand detection
Total height (A)	313 mm
Protective field height (B)	260 mm
Model	built-in control functions (EDM), Slave
Mounting	T-shaped slot (Backside), / Holder SFB E 180 (optional)
Number of beams	13
Emitted light	Infrared, 950 nm
Service voltage	19,2 ... 28,8 V DC
Operating distance	4 m (Low Range) / 12 m (High Range)
Resolution	30 mm
Inverse polarity protection	Yes
Display	LEDs for light curtain's status and diagnostic
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
For	Operating with Master or Master / Slave 2
Casing material	Aluminium
Material	polycarbonate (Window)

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TECHNICAL INFORMATION (typ.)	+20°C, 24 V DC
Connection Master / Slave 2 / Slave	Connector, M12, 5-poled for transmitter and receiver
Cable	unshielded connecting cables Master / Slave 2 / Slave max. 50 m
Scope of delivery	Emitter + receiver, one set of standard fixing brackets SA 4, CD-ROM containing the multi-language instruction manual, quick installation guide