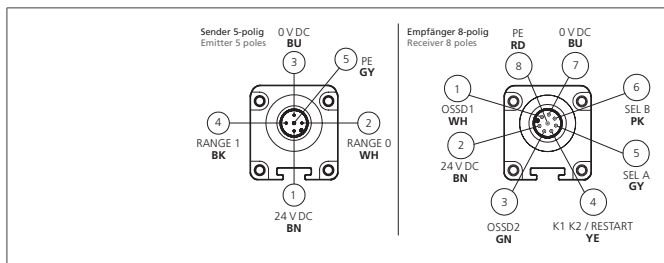


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Safety light curtain

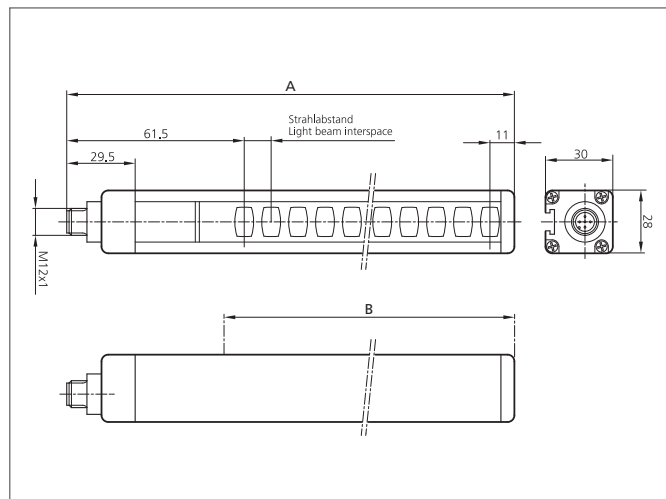


- Highest safety level
- Resolution for hand protection
- High operating distance for large systems and applications with deflecting mirrors
- Protection area until end of profile
- Integrated safety function - no external safety relay required
- Parameterisation via connecting cable
- Selectable manual or automatic Start/Restart
- Feedback input for external relay monitoring (EDM)
- Unshielded connecting cables to 100 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.)	
Safety level	+20°C, 24 V DC
Security level	Type 4 (IEC/TS 61496-2), SIL 3 (IEC 61508), SILCL 3 (IEC 62061), PL e - Cat. 4 (EN ISO 13849-1)
Total height (A)	Hand detection
Protective field height (B)	213 mm
Model	160 mm
Mounting	built-in control functions (EDM), extended range
Number of beams	T-shaped slot (Backside), / Holder SFB E 180 (optional)
Emitted light	15
Safety output	Infrared, 950 nm
Service voltage	PNP (2x), 400 mA / 24 V DC
Operating distance	19,2 ... 28,8 V DC
Resolution	10 m (Low Range) / 20 m (High Range)
Inverse polarity protection	20 mm
Display	Yes
Start / restart	LEDs for light curtain's status and diagnostic
External Device Monitoring - EDM	Automatic / manual (selectable)
Short-circuit protection	Feedback input, enabling selectable
Reaction time	yes
Ambient temperature	4 ms
Protection class	-20 ... +55 °C
Protection degree	IP 65, IP 67
Casing material	III, operation on protective low voltage
	Aluminium

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Safety light curtain



TECHNICAL INFORMATION (typ.)		+20°C, 24 V DC
Material		polycarbonate (Window)
Connection		M12, 5poled for transmitter, M12, 8poled for receiver, Connector
Cable		unshielded connection cables max. 100 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