

# SLBH4-459

## Safety light curtain

- Highest safety level
- Resolution for body protection and presence control
- High operating distance for large systems and applications with deflecting mirrors
- Protection area until end of profile
- Parameterisation via connecting cable
- Easy and fast startup
- Automatic Start/Restart
- For Modular Safety Controller / safety relays
- 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.)		+20°C, 24 V DC
Safety level		Type 4 (IEC/TS 61496-2), SIL 3 (IEC 61508), SILCL 3 (IEC 62061), PL e - Cat. 4 (EN ISO 13849-1)
Security level		Body protection
Total height (A)		513 mm
Protective field height (B)		460 mm
Model		Basic, extended range
Mounting		T-shaped slot (Backside), / Holder SFB E 180 (optional)
Number of beams		6
Emitted light		Infrared, 950 nm
Safety output		PNP (2x), 400 mA / 24 V DC
Service voltage		19,2 ... 28,8 V DC
Operating distance		10 m (Low Range) / 20 m (High Range)
Resolution		90 mm
Inverse polarity protection		Yes
Display		LEDs for light curtain's status and diagnostic
Start / restart		Automatic
Short-circuit protection		yes
Reaction time		3 ms
Ambient temperature		-20 ... +55 °C
Protection class		IP 65, IP 67
Protection degree		III, operation on protective low voltage
Casing material		Aluminium
Material		polycarbonate (Window)

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TECHNICAL INFORMATION (typ.)	+20°C, 24 V DC
Connection	M12, 5-poled for transmitter and 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