



**208504**  
**SLB4-1809**  
**Safety light curtain**

- Highest safety level
- Resolution for body protection and presence control
- Protective range to profile end
- Parameterization via connecting cable
- Easy and fast startup
- Automatic Start/Restart
- For Modular Safety Controller / safety relays
- 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	Body protection
Protection class	III, operation on protective low voltage
Model	Basic
Start / restart	Automatic
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	24
Protective field height (B)	1810 mm
Range	4000 mm (Low range) / 12000 mm (High range)
Resolution	90.0 mm

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<b>Technical data (typ.)</b>	<b>+20°C, 24 V DC</b>
Display	LED (Self-diagnosis and status of light barrier)
Reaction time	7.5 ms
Ambient temperature during operation	-20 ... +55 °C
Protection type	IP 65 / IP 67
Connection	Connector, M12, 5-pin (Transmitter)
Connection 2	Connector, M12, 5-pin (Receiver)
Cable	unshielded connection cables max. 100 m
<b>More information / accessories</b>	<b><a href="https://www.di-soric.com/208504">https://www.di-soric.com/208504</a></b>