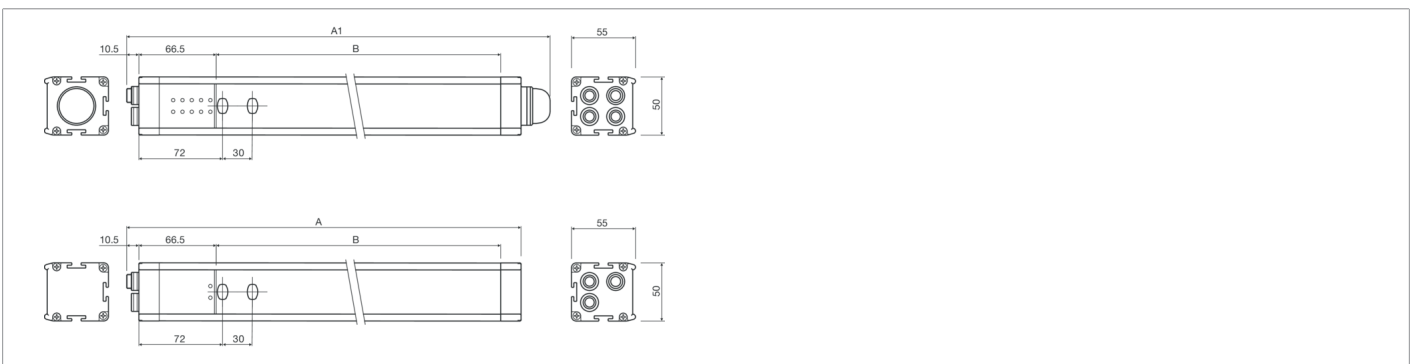




212705
SLM40-2B
Safety light curtain

- Muting safety light grid type 4
- Safety light grid with integrated muting function
- Integrable, pre-wired muting arms (MA, MZ) for fast commissioning as accessory
- Highest safety level
- Light grid with 2, 3 or 4 beams for detecting a body during access control
- Simple hardware configuration via connection line
- High protection type
- LEDs for light barrier's status and diagnostic



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)	710 mm
Total height (A1)	685 mm
Mounting	T-groove, mounting bracket included in scope of delivery
Profile cross section	50 x 55 mm
Housing material	Aluminum (yellow, painted)
Material	Polycarbonate (Window)
Characteristic variables	Typ 4, PL-e, Typ 4 (IEC/TS 61496-2), SIL 3 (IEC 61508), SILCL 3 (IEC 62061), PL e - Kat. 4 (EN ISO 13849-1)
Protective function	Access control
Protection class	III, operation on protective low voltage
Model	Muting safety light grid
Start / restart	Automatic / manual (selectable)
External device (relay) monitoring - EDM	Feedback input, selectable release
Scope of delivery	one set of standard fixing brackets SFB-4SG
Safety output	pnp (2x), 400 mA / 24 V DC
Beam separation	500 mm
Number of beams	2
Protective field height (B)	590 mm
Range	4000 mm (Low range) / 12000 mm (High range)
Reaction time	5.5 ms
Ambient temperature during operation	-30 ... +55 °C
Protection type	IP 65 / IP 67



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Technical data (typ.)

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Transmitter connection

Connector M12, 5-pin (main plug), Socket M12, 5-pin (muting sensors, 2x)

Receiver connection

Connector M12, 12-pin (main plug), Socket M12, 5-pin (muting sensors, 2x), Socket M12, 5-pin (muting light)

Cable

unshielded connection cables max. 100 m

More information / accessories

<https://www.di-soric.com/212705>