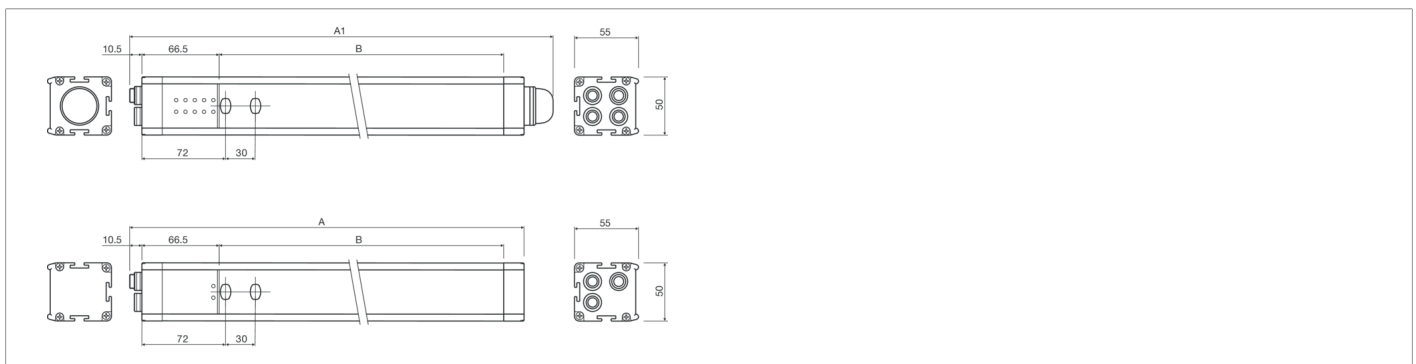




**212712**  
**SLM4PO-453**  
**Safety light curtain**

- Muting safety light curtain type 4
- Integrated muting function
- Integrable, pre-wired muting arms (MA, MZ) for fast commissioning as accessory
- Highest safety level
- Simple hardware configuration via connection line
- LEDs for light barrier's status and diagnostic
- High protection type



**Function**



**Technical data (typ.)**

**+20°C, 5 V DC**

|  |   |
|--|---|
| Service voltage                          | 19.2 ... 28.8 V DC  |
| Inverse polarity protection              | Yes   |
| Short-circuit protection                 | Yes   |
| Total height (A)                         | 570 mm  |
| Total height (A1)                        | 545 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                      | Hand protection   |
| 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                          | 30 mm   |
| Number of beams                          | 23  |
| Protective field height (B)              | 450 mm  |
| Range                                    | 4000 mm (Low range) / 12000 mm (High range)   |
| Resolution                               | 30.0 mm   |
| Reaction time                            | 9.5 ms  |
| Ambient temperature during operation     | -30 ... +55 °C  |



**212712**

**SLM4PO-453**

**Safety light curtain**

**Technical data (typ.)**

**+20°C, 5 V DC**

Protection type

IP 65 / IP 67

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 (configuration PC)

Cable

unshielded connection cables max. 100 m

**More information / accessories**

<https://www.di-soric.com/212712>