

Single Light Beam Safety Devices

MLD 500 Single Light Beam Safety Devices Type 4



SLS 78/R Type 4 Single Light Beam Safety Devices



SLSR 25B Type 2 Single Light Beam Safety Devices



Specifications

Type in accordance with IEC/EN 61496

Operating range

Operating voltage U_B

Operating temperature

Dimensions, W x H x D

Housing

Switching outputs

Connection system

Functions

Features

Type 4*

0.5 ... 70 m
20 ... 100 m

+24 V DC \pm 20 %

-30 ... +55 °C

52 x 65 x 193 mm

2 PNP transistor outputs (OSSDs)

M12 plug

Automatic start/restart, start/restart interlock (RES) selectable, contactor monitoring (EDM) selectable, 2-sensor muting, (parallel, sequential), configurable operating modes, laser alignment aid (optional).

The use at ambient temperatures as low as -30°C is possible. Protection class IP 67. Integrated laser alignment aid as an option. The configuration is simply performed by means of wiring, i. e. no software, PC or Dip switch are necessary.

Type 4

0 ... 60 m

24 V DC \pm 15 %

-25 ... +60 °C

38 x 127 x 99 mm

Metal

2 relay outputs (OSSDs)

Cable gland (PG11)
Spring terminals
Plug connection, DIN 43651

Operating mode "Protective operation without restart interlock". Ambient light suppression. Integrated optics heating. LED indicator.

Integrated optics heating enables use under extreme environmental conditions. Operating temperature -25 °C to +60 °C. High mechanical and chemical resistance. Rapid connection with screwless spring terminals.

Type 2 in combination with a test monitoring unit

0.5 ... 20 m

10 ... 30 V DC (incl. residual ripple)

-30 ... +55 °C

15 x 51.3 x 28.8 mm

Plastic

2 push-pull switching outputs

2 m cable
M8 plug
M12 plug

LED indicator. Activation input for test and series connection. Active ambient light suppression (A²LS).

Single beam safety device with high performance reserve. Compact plastic housing with protection class IP 67. Wide voltage range from 10 to 30V with PNP transistor output. All common connection variants.

* For safety classification see MLD 500 Multiple Light Beam Safety Device