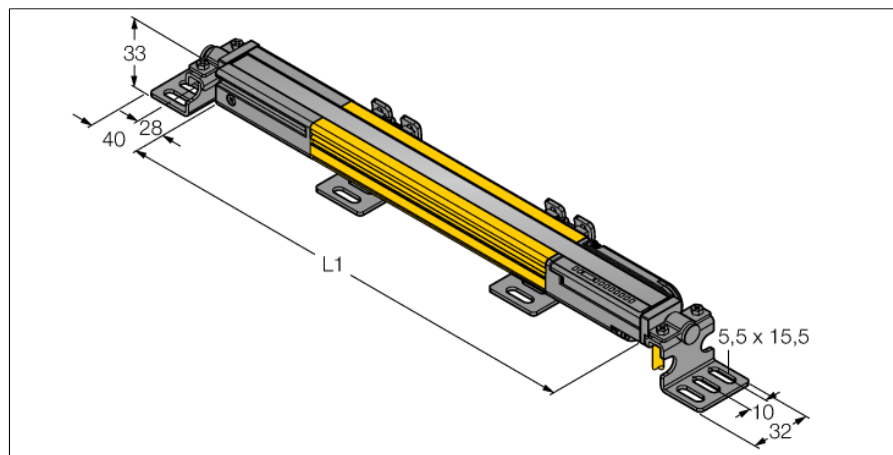


Personnel safety emitter/receiver pair integrated muting function SLPMP25-690



- Electrical connection via RDLP-8 with open end or via DELPE-8 with male M12 x 1, 8-pin
- Protection class IP65
- Flat housing without blind zone
- Adjustments via DIP switch
- Resolution can be reduced
- Blanking function
- Operating voltage: 24 VDC $\pm$ 15 %
- Resolution 25 mm
- Scan field 690 mm (L1)
- Mounting bracket included in delivery

Type code SLPMP25-690
Ident no. 3084532

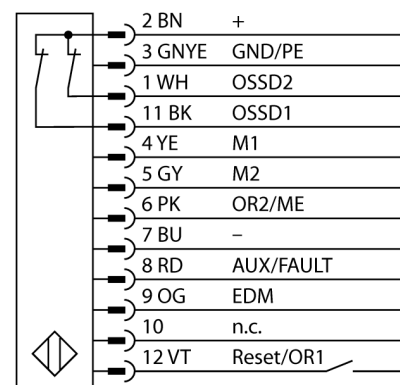
Operating mode light screen
Light type IR
Wavelength 850 nm
Optical resolution 25 mm
Range 0...7000 mm
Detection zone height 690 mm
Ambient temperature 0...+55 °C

Operating voltage 20...28VDC
Residual ripple < 10 % U_{is}
No-load current I_o $\leq$ 275 mA
Short-circuit protection yes
Reverse polarity protection yes
Output function 2x NC, 2 x PNP
Response time < 12.5 ms

Design rectangular, EZ-Screen LP
Dimensions 26 x 28 x 689 mm
Housing material metal, AL, yellow
Lens plastic, Acryl
Connection male
Protection class IP65

Power-on indication LED green
Switching state 2-color LED red

Wiring diagram



Functional principle

The high-resolution safety light screen is emitter and receiver in one without blind zone. As the system is optically synchronized, emitter/receiver wiring is superfluous. The receiver's safety switching outputs are directly connected to a load relay (e.g. IM-T-9A) and trigger an immediate stop of dangerous machine cycles. Personnel safety category PLe acc. to ISO 13849-1 is fulfilled through 2-channel monitoring of the switching device and the principle of diverse redundancy by which two processors control each other mutually.