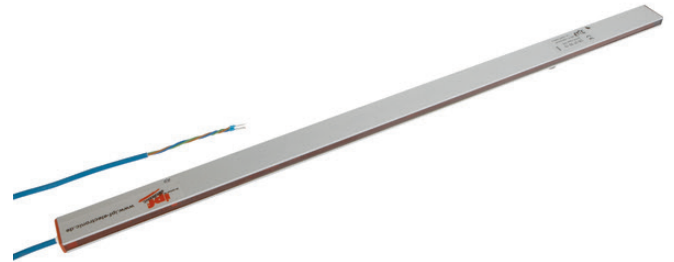


OS270010

OPTICAL SENSORS • LIGHT CURTAINS - TRANSMITTERS



MECHANICAL DATA

Ambient temperature	-10 °C ... 45 °C
Cable length	4 m
Degree of protection (IP)	IP54
Housing coating	Anodised
Housing material	Aluminium
Material of optical surface	Plastic
Number of wires	2
Protected field height	375 mm
Sensor height	27 mm
Sensor length	560 mm
Sensor width	10 mm
Wire cross section	0.37 mm ²

ELECTRICAL DATA

Cascadable	No
Clock control possible	No
Equipment protection class	Protection class 3
No-load current, transmitter	125 mA
Override possible	No
Rated control supply voltage U_s at DC	24 V ... 24 V
Reverse polarity protection	Yes
Suitable for safety functions	No
Suppression possible	No
Type of electrical connection	Cable
Voltage type	DC
With monitoring function of downstream devices	No
With muting function	No
With restart lock	No

OPTICAL DATA

Beam spacing	25 mm
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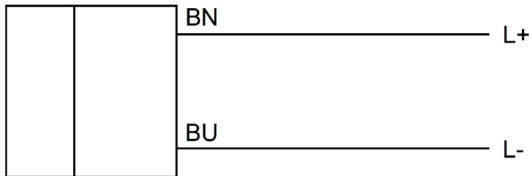
OPTICAL DATA

Min. distance	0.7 m
Number of beams	16
Protected field range	4 m
Resolution of the light curtain	25 mm
Wavelength of the sensor	880 nm

OTHER DATA

Explosion protection category for dust	None
Explosion protection category for gas	None
Reduced resolution	No
Scope of delivery of the one-way system	Transmitter
With beam coding	No

CONNECTION



Colors: BN (brown), BU (blue)

Functions: BN = L+, BU = L-

DIMENSIONAL DRAWING

INSTALLATION



Mounting / Installation may only be carried out by a qualified electrician!

DISPOSAL



SAFETY WARNINGS

Before initial operation, please make sure to follow all safety instructions that may be provided in the product information!