

**OE270101****OPTICAL SENSORS • LIGHT CURTAINS - RECEIVERS****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, receiver	4
Protected field height	35 mm
Sensor height	58 mm
Sensor length	120 mm
Sensor width	12 mm
Wire cross section	0.37 mm <sup>2</sup>

**ELECTRICAL DATA**

Cascadable	No
Clock control possible	No
Equipment protection class	Protection class 3
Max. output current	200 mA
No-load current, receiver	125 mA
Number of semiconductor outputs with signaling function	1
Override possible	No
Rated control supply voltage $U_s$ at DC	24 V ... 24 V
Reaction time	200 ms
Reverse polarity protection	Yes
Short-circuit-proof	Yes
Suitable for safety functions	No
Suppression possible	No
Type of alarm output	PNP
Type of electrical connection	Cable
Type of switching function	Normally open contact (NO)
Type of switching output	PNP

## ELECTRICAL DATA

Voltage type	DC
With monitoring function of downstream devices	No
With muting function	No
With restart lock	No

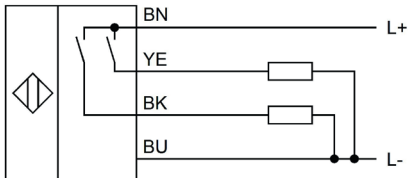
## OPTICAL DATA

Beam spacing	5 mm
Min. distance	0.7 m
Number of beams	8
Protected field range	4 m
Resolution of the light curtain	5 mm

## 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	Receiver
With beam coding	No

## CONNECTION



**Colors:** BN (brown), YE (yellow), BU (blue), BK (black)

**Functions:** BN = L+, YE = alarm, 3 = L-, 4 = PNP NO

## 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!