

## OV350170

### OPTICAL SENSORS • SWITCHING AMPLIFIERS



#### MECHANICAL DATA

Degree of protection (IP)	IP65
Depth	70 mm
Device design	Field device
Height	15 mm
Housing design	Cuboid
Housing material	Aluminium
Length	70 mm
Mounting method	Floor fastening
Width	35 mm

#### ELECTRICAL DATA

Amplifier for optical rings	Yes
Galvanic isolation between input and output	No
Galvanic isolation between supply voltage and all other current circuits	No
Inherently safe according to EN 60947-5-6 NAMUR	No
Malfunction message output	No
No-load current	60 mA
Number of output circuits, transistor pnp	1
Number of pins	3
Output version	Dynamic
Power consumption	1.44 W
Rated supply voltage at DC (MAX)	35 V
Rated supply voltage at DC (MIN)	20 V
Reverse polarity protection	Yes
Short-circuit-proof	Yes
Suitable for safety functions	No
Switching capacity	4.8 VA
Switching current	0.2 A
Switching voltage	35 V
Turn-off delay	150 ms

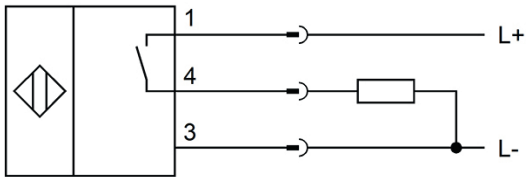
## ELECTRICAL DATA

Turn-off delay	1 ms
Type of electrical connection	Plug-in connection
Type of switching function	Normally open contact (NO)
Type of voltage supply	Active
Voltage drop	2 V
With LED display	Yes

## OTHER DATA

Operating temperature (MAX)	50 °C
Operating temperature (MIN)	0 °C

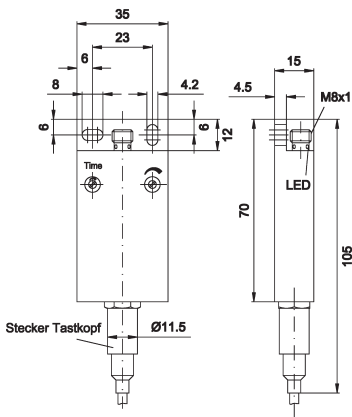
## CONNECTION



**Colors:** 1 = BN (brown), 3 = BU (blue), 4 = BK (black)

**Functions:** 1 = L+, 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!

Never use these devices in applications where the safety of a person depends on their functionality.