

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	20 V ... 35 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
Turn-off delay	1 ms

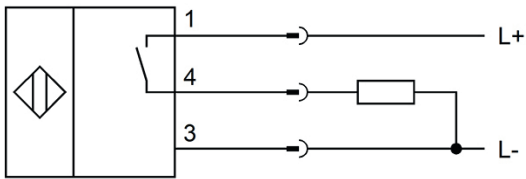
ELECTRICAL DATA

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	0 °C ... 50 °C
-----------------------	----------------

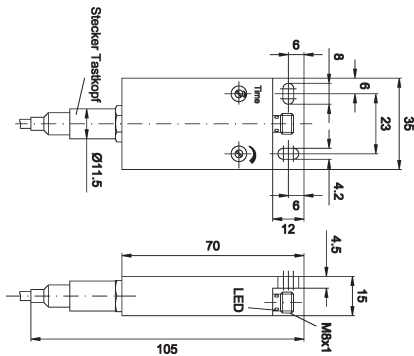
CONNECTION



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!