

**OVSIO327**

**OPTICAL SENSORS • SWITCHING AMPLIFIERS**



**MECHANICAL DATA**

Degree of protection (IP)	IP64
Device design	Field device
Height	27 mm
Housing design	Cuboid
Housing material	Aluminium
Length	71 mm
Mounting method	Floor fastening
Width	27 mm

**ELECTRICAL DATA**

Amplifier for analog laser light barrier	Yes
Galvanic isolation between input and output	No
Galvanic isolation between inputs	No
Galvanic isolation between supply voltage and all other current circuits	No
Inherently safe according to EN 60947-5-6 NAMUR	No
Input voltage tolerance	10 %
Malfunction message output	No
No-load current	80 mA
Number of channels	1
Number of output circuits, transistor npn	4
Number of output circuits, transistor pnp	4
Number of pins	7
Output version	Static and dynamic
Power consumption	1.2 W
Rated supply voltage at DC (MAX)	32 V
Rated supply voltage at DC (MIN)	12 V
Reverse polarity protection	Yes
Short-circuit-proof	Yes
Suitable for safety functions	No
Switching capacity	2.4 VA

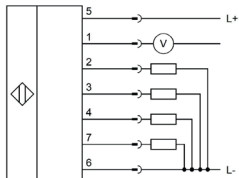
## ELECTRICAL DATA

Switching current	0.1 A
Switching frequency	25000 Hz
Switching voltage	32 V
Switching voltage DC	32 V
Type of analog output	0 V ... 10 V
Type of electrical connection	Plug-in connection
Type of switching function	Push-pull
Type of voltage supply	Active
With LED display	Yes

## OTHER DATA

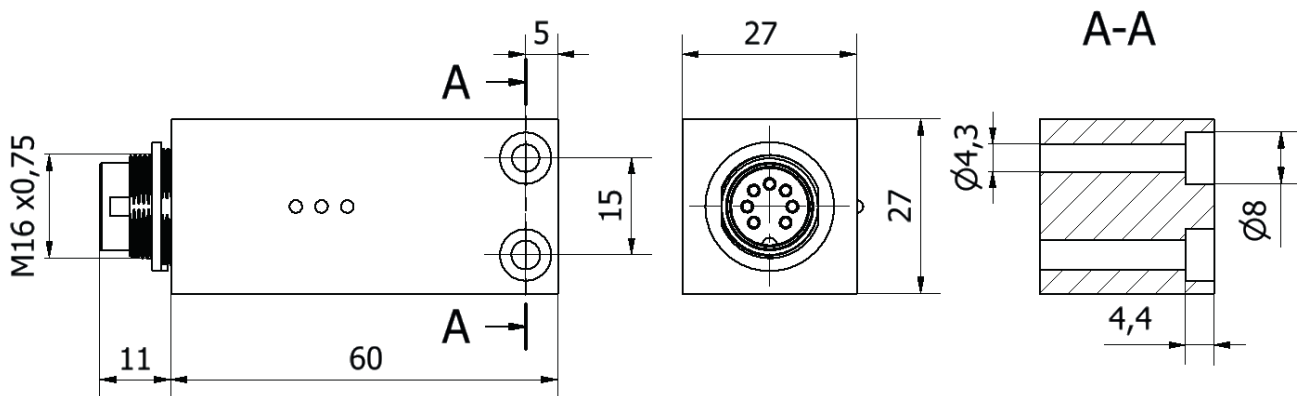
Operating temperature (MAX)	60 °C
Operating temperature (MIN)	-20 °C

## CONNECTION



**Colors:** 1 = BU (blue), 2 = GN (green), 3 = GY (gray), 4 = RD (red), 5 = BN (brown), 6 = WH (white), 7 = YE (yellow)  
**Functions:** 1 = 0-10V, 2 = Output, static inverted, 3 = Output, dynamic, 4 = Output, static inverted, 5 = L+, 6 = L-, 7 = Output, static

## 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!

