

OVSIO118

OPTICAL SENSORS • SWITCHING AMPLIFIERS



MECHANICAL DATA

Degree of protection (IP)	IP64
Depth	70 mm
Device design	Field device
Height	36 mm
Housing design	Cuboid
Housing material	Aluminium
Length	70 mm
Mounting method	Floor fastening
Width	36 mm

ELECTRICAL DATA

Amplifier for light curtain	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
Malfunction message output	No
Number of channels	1
Number of output circuits, transistor npn	1
Number of output circuits, transistor pnp	1
Number of pins	4
Power consumption	0.19 W
Rated supply voltage at DC (MAX)	32 V
Rated supply voltage at DC (MIN)	12 V
Short-circuit-proof	Yes
Suitable for safety functions	No
Switching current	0.2 A
Switching frequency	1000 Hz
Switching voltage	32 V
Switching voltage DC	32 V

ELECTRICAL DATA

Turn-off delay	300 ms
Turn-off delay	20 ms
Type of electrical connection	Plug-in connection
Type of switching function	Normally open contact (NO)
Type of voltage supply	Active

OTHER DATA

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

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.