

## OV580510

### HIGH-PERFORMANCE THROUGH-BEAM SENSORS • AMPLIFIERS



#### MECHANICAL DATA

Degree of protection (IP)	IP40
Depth	78.5 mm
Device design	Field device
Height	76.5 mm
Housing design	Cuboid
Housing material	Plastic
Length	78.5 mm
Mounting method	Pluggable
Width	40 mm

#### ELECTRICAL DATA

Galvanic isolation between input and output	No
Galvanic isolation between inputs	No
Galvanic isolation between supply voltage and all other current circuits	No
High performance light barriers	Yes
Inherently safe according to EN 60947-5-6 NAMUR	No
Input voltage tolerance	20 %
Malfunction message output	Yes
Max. switching distance	50 m
No-load current	92 mA
Number of channels	1
Number of output circuits, transistor npn	1
Number of output circuits, transistor pnp	1
Number of pins	11
Power consumption	2.2 W
Rated supply voltage at DC (MAX)	24 V
Rated supply voltage at DC (MIN)	24 V
Suitable for safety functions	No
Switching capacity	3 VA
Switching current	0.1 A

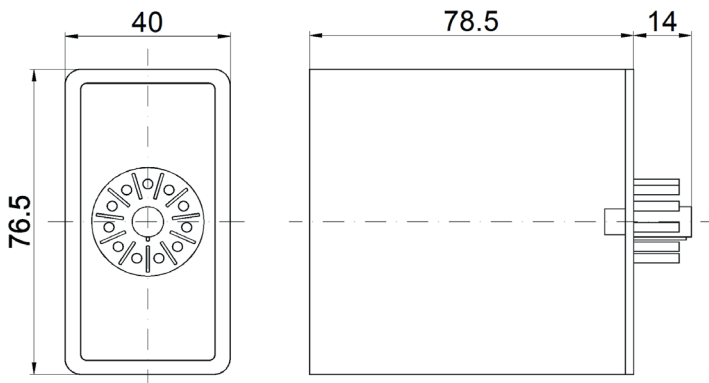
## ELECTRICAL DATA

Switching frequency	20 Hz
Switching voltage	30 V
Type of electrical connection	Plug-in connection
Type of switching function	Normally open/normally closed
Type of voltage supply	Active
With LED display	Yes

## OTHER DATA

Operating temperature (MAX)	50 °C
Operating temperature (MIN)	-25 °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.