

**OV630840**

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



**MECHANICAL DATA**

Degree of protection (IP)	IP20
Depth	90 mm
Device design	Field device
Height	58.5 mm
Housing design	Cuboid
Housing material	Plastic
Length	90 mm
Mounting method	DIN rail
Width	52.8 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	55 m
No-load current	100 mA
Number of channels	2
Number of output circuits, transistor pnp	1
Output circuit, relay normally open contact	2
Power consumption	2.4 W
Rated supply voltage at DC (MAX)	24 V
Rated supply voltage at DC (MIN)	24 V
Short-circuit-proof	Yes
Suitable for safety functions	No
Switching capacity	6 VA
Switching current	0.1 A

**ELECTRICAL DATA**

Switching voltage	24 V
Switching voltage AC	60
Switching voltage DC	60 V
Type of electrical connection	Clamp
Type of switching function	Normally open contact (NO)
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.