

**OV590920**

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



**MECHANICAL DATA**

Degree of protection (IP)	IP20
Depth	149 mm
Device design	Field device
Height	110 mm
Housing design	Cuboid
Housing material	Plastic
Length	149 mm
Mounting method	DIN rail
Width	75 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	No
Max. switching distance	40 m
No-load current	333 mA
Number of channels	8
Output circuit, relay normally open contact	8
Power consumption	10 W
Rated supply voltage at DC (MAX)	24 V
Rated supply voltage at DC (MIN)	24 V
Suitable for safety functions	No
Switching capacity	1150 VA
Switching current	5 A
Switching frequency	12 Hz
Switching voltage	24 V

**ELECTRICAL DATA**

Switching voltage AC	230
Switching voltage DC	24 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)	60 °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.