

OV540520

HIGH-PERFORMANCE THROUGH-BEAM SENSORS • AMPLIFIERS



MECHANICAL DATA

| | |
|---------------------------|--------------|
| Degree of protection (IP) | IP20 |
| Depth | 75 mm |
| Device design | Field device |
| Height | 110 mm |
| Housing design | Cuboid |
| Housing material | Plastic |
| Length | 75 mm |
| Mounting method | DIN rail |
| Width | 100 mm |

ELECTRICAL DATA

| | |
|--|--------|
| Galvanic isolation between input and output | 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 | 20 % |
| Malfunction message output | No |
| Max. switching distance | 40 m |
| Number of channels | 4 |
| Number of output circuits, transistor exclusive-OR | 4 |
| Number of output circuits, transistor npn | 1 |
| Number of output circuits, transistor pnp | 1 |
| Power consumption | 4.5 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 | 0.02 A |
| Switching frequency | 28 Hz |
| Switching voltage | 24 V |

ELECTRICAL DATA

| | |
|-------------------------------|-------------------------------|
| Turn-off delay | 15000 ms |
| Turn-on delay | 15000 ms |
| Type of electrical connection | Clamp |
| 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.