

OV580080

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 | No |
| Number of channels | 1 |
| Number of output circuits, transistor npn | 1 |
| Number of output circuits, transistor pnp | 1 |
| Number of pins | 11 |
| Output circuit, relay change-over contact | 1 |
| Power consumption | 2 W |
| Rated supply voltage at DC | 24 V ... 24 V |
| Suitable for safety functions | No |
| Switching capacity | 3 VA |
| Switching current | 0.1 A |
| Switching frequency | 30 Hz |
| Switching voltage | 24 V |

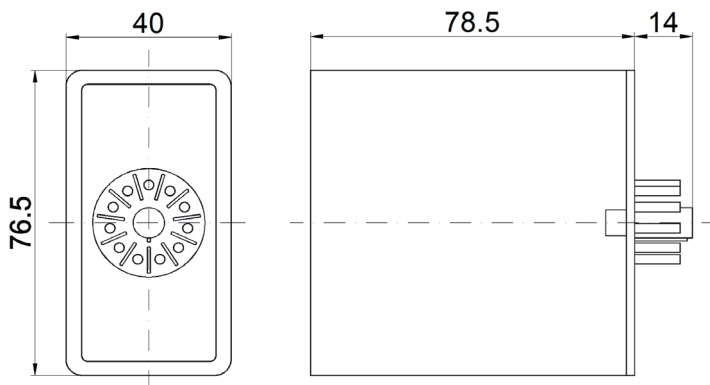
ELECTRICAL DATA

| | |
|-------------------------------|-------------------------------|
| Type of analog output | 0 V ... 10 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 | -25 °C ... 50 °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!