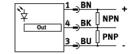
## Retro-reflective sensor SOOD-RS-L-PN

Part number: 8075662







## Feature Value Block design Design EN 60947-5-2 Conforms to standard Authorization RCM Mark c UL us - Recognized (OL) CE symbol (see declaration of conformity) according to EU-EMV guideline in accordance with EU RoHS directive UKCA marking (see declaration of conformity) To UK instructions for EMC To UK RoHS instructions Certificate issuing department UL E232949 Materials note Conforms to RoHS Measuring principle Optoelectronic Retro-reflective sensor Detection method Type of light Laser Red 35 mm at 2000 mm Max. spot diameter Working range 0 ... 2,000 mm Ambient temperature -20 ... 60 °C Reference material Reference reflector Switch output Push-pull Switching element function PNP, dark switching NPN, light switching Max. switching frequency 2,000 Hz 50 mA Max. output current Voltage drop 0 ... 1.5 V Short circuit strength Pulsing 10 ... 30 V Operating voltage range DC Residual ripple 10 % Idle current 10 mA for all electrical connections Polarity protected Electrical connection 1, connection type Cable with plug Electrical connection 1, connection technology M8x1, A-coded to EN 61076-2-104 Electrical connection 1, number of pins/wires Electrical connection 1, type of mounting Screw lock Material electrical contact Brass, gold-plated Cable length 150 mm Cable attribute Standard TPE-U(PUR) Material cable sheath with through hole Mounting type Tightening torque 0.5 Nm Assembly position Any Product weight 10 g Material housing ABS PC TPE-U(PU) Ready status display Green LED Operating status display Yellow LED



Feature	Value
Operating reserve display	Flashing yellow LED
Protection class	IP65
	IP67
Insulation voltage	500 V
Surge strength	1 kV
Corrosion resistance classification CRC	1 - Low corrosion stress
PWIS conformity	VDMA24364 zone III
Laser protection class	1
Degree of contamination	3