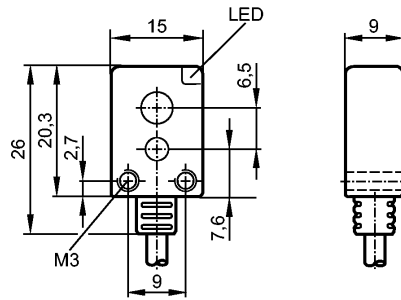


**O7P201**

O7P-HPKG/0.20M/AS

Photoelectric sensors



Receiver in upper lens, transmitter in lower lens

Made in Germany



**Product characteristics**

Retro-reflective sensor
Rectangular, plastics
Cable with connector
Polarisation filter
Sensing range 0.03...1m (Prismatic reflector Ø 80 (E20005), Prismatic reflector 50 x 50 mm (E20744))

**Electrical data**

Electrical design	DC PNP
Operating voltage [V]	10...30 DC
Current consumption [mA]	20 (24 V)
Type of light	Red light 633 nm
Protection class	III
Reverse polarity protection	yes

**Outputs**

Output function	light-on mode
Voltage drop [V]	< 2.5
Current rating [mA]	100
Short-circuit protection	pulsed
Switching frequency [Hz]	1000

**Range**

Sensing range [m]	0.03...1 (Prismatic reflector Ø 80 (E20005), Prismatic reflector 50 x 50 mm (E20744))
Light spot diameter [mm]	55 ( at maximum range )

**Environment**

Ambient temperature [°C]	-25...60
Protection	IP 65

**Tests / approvals**

EMC	EN 60947-5-2
MTTF [Years]	1155

**Mechanical data**

Housing materials	PA
Lens material	PMMA
Weight [kg]	0.017

**Displays / operating elements**

**O7P201**

O7P-HPKG/0.20M/AS

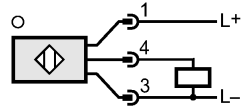
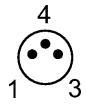
Photoelectric sensors

Output status indication	LED	yellow
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**Electrical connection**

Connection	PUR cable / 0.2 m; 3 x 0.14 mm <sup>2</sup> ; with M8 connector, (snap-fit)
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**Wiring**



**Remarks**

Remarks	UL - Class 2 source required
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Pack quantity	[piece]	1
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