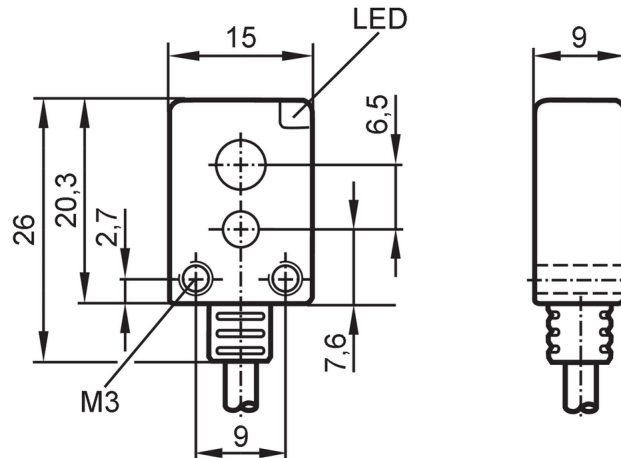


O7P201



Retro-reflective sensor

O7P-HPKG/0,20M/AS



Receiver in upper lens
transmitter in lower lens



Product characteristics	
Type of light	red light
Housing	rectangular
Application	
Special feature	polarization filter
Function principle	Retro-reflective sensor
Electrical data	
Operating voltage [V]	10...30 DC
Current consumption [mA]	20; ((24 V))
Protection class	III
Reverse polarity protection	yes
Type of light	red light
Wave length [nm]	633
Outputs	
Electrical design	PNP
Output function	light-on mode
Max. voltage drop switching output DC [V]	2.5
Permanent current rating of switching output DC [mA]	100
Switching frequency DC [Hz]	1000
Short-circuit protection	yes
Type of short-circuit protection	yes (non-latching)
Monitoring range	
Range referred to prismatic reflector [m]	0.03...1; (Prismatic reflector Ø 80 E20005; Prismatic reflector 50 x 50 mm E21299)
Range adjustable	no
Max. light spot diameter [mm]	55
Light spot dimensions refer to	at maximum range

O7P201



Retro-reflective sensor

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Polarization filter available	yes
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Operating conditions

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

Tests / approvals

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

Mechanical data

Weight [g]	14.4
Housing	rectangular
Dimensions [mm]	20.3 x 15 x 9
Material	housing: PA
Lens material	front lens:PMMA
Lens alignment	Side sensing
Tightening torque [Nm]	0.5

Displays / operating elements

Display	Switching status	1 x LED, yellow
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Remarks

Remarks	UL - Class 2 source required
Pack quantity	1 pcs.

Electrical connection

Cable: 0.2 m, PUR; 3 x 0.14 mm²

Connector: 1 x M8; coding: A; Locking: snap-fit



Connection

