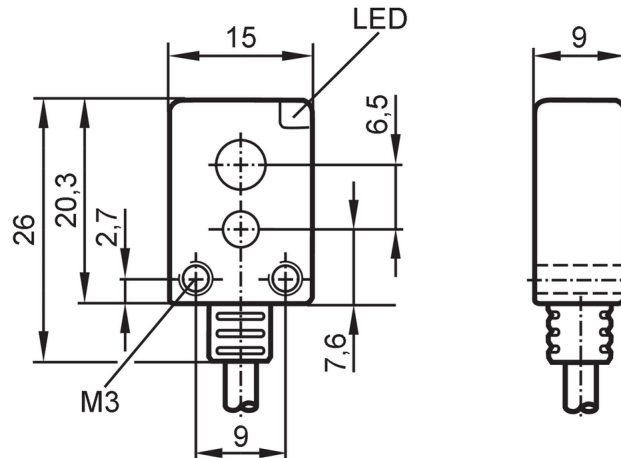


O7P200



Retro-reflective sensor

O7P-DPKG/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		dark-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

O7P200



Retro-reflective sensor

O7P-DPKG/0,20M/AS

Polarization filter available	yes
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Operating conditions

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

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

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

Display	Switching status	1 x LED, yellow
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Remarks

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

Cable: 0.2 m, PUR; 3 x 0.14 mm²

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



Connection

