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Product characteristics

Type of light	Infrared light
Housing	rectangular

Application

Function principle	Retro-reflective sensor
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Electrical data

Operating voltage	[V]	10...55 DC
Current consumption	[mA]	12; ((24 V))
Protection class		II
Reverse polarity protection		yes
Type of light		Infrared light
Wave length	[nm]	880

Outputs

Electrical design		PNP
Output function		light-on/dark-on mode; (configurable)
Max. voltage drop switching output DC	[V]	2.5
Permanent current rating of switching output DC	[mA]	400
Switching frequency DC	[Hz]	80
Short-circuit protection		yes
Type of short-circuit protection		yes (non-latching)
Overload protection		yes

Monitoring range

Range	[m]	0.15...10; (Prismatic reflector Ø 80 E20005)
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OP5009



Retro-reflective sensor

OPR-FPKG

Range referred to prismatic reflector	[m]	0.15...10; (Prismatic reflector Ø 80 E20005)
Range adjustable		yes

Operating conditions

Ambient temperature	[°C]	-20...80
Protection		IP 65

Tests / approvals

EMC	EN 60947-5-2	
	EN 55011	class B

Mechanical data

Housing		rectangular
Dimensions	[mm]	86 x 28 x 142
Material		PPO modified
Lens material		glass

Displays / operating elements

Display	Switching status	1 x LED, yellow
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Remarks

Pack quantity		1 pcs.
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Electrical connection

terminals: ...1.5 mm²

Connection

