



Retro-reflective sensor

OPR-FNKG

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No scale drawing available

Product characteristics

Type of light	infrared light
Housing	rectangular
Dimensions [mm]	86 x 28 x 142

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	NPN
Output function	light-on/dark-on mode; (parameterisable)
Max. voltage drop switching output DC [V]	2.5
Permanent current rating of switching output DC [mA]	250
Switching frequency DC [Hz]	80
Short-circuit protection	yes
Type of short-circuit protection	pulsed
Overload protection	yes

OP5035



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Detection zone		
Range	[m]	0.15...10; (Prismatic reflector Ø 80 E20005)
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
Materials		PPO modified
Lens material		glass
Displays / operating elements		
Display	switching status	1 x LED, yellow
Remarks		
Pack quantity		1 pcs.

Electrical connection
terminals: ...1.5 mm²

Connection

