



Retro-reflective sensor

OPR-FBOW

Article no longer available - archive entry

Alternative articles: OA0104 or OA0105

When selecting an alternative article and accessories please note that technical data may differ!

No scale drawing available

Product characteristics

Type of light	infrared light
Housing	rectangular

Application

Function principle	Retro-reflective sensor
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Electrical data

Frequency AC	[Hz]	47...63
Operating voltage	[V]	35...250 AC
Current consumption	[mA]	< 10
Protection class		II
Type of light		infrared light
Wave length	[nm]	880

Outputs

Output function		light-on/dark-on mode; (parameterisable)
Max. voltage drop switching output AC	[V]	7.5
Max. leakage current	[mA]	6
Permanent current rating of switching output AC	[mA]	300; (500 (...50 °C))
Short-time current rating of switching output	[mA]	2200; (20 ms / 0,5 Hz)
Switching frequency AC	[Hz]	15
Short-circuit protection		no
Overload protection		no



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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 mm ²		
Connection		

