



Retro-reflective sensor

OPR-FBOW/3L

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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]	20...250 AC
Current consumption	[mA]	14; ((24 V))
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]	4
Max. leakage current	[mA]	6
Permanent current rating of switching output AC	[mA]	350
Switching frequency AC	[Hz]	15
Short-circuit protection		no
Overload protection		no

Detection zone

Range	[m]	0.15...10; (Prismatic reflector Ø 80 E20005)
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**Retro-reflective sensor**

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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
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Remarks

Pack quantity		1 pcs.
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Electrical connectionterminals: ...1.5 mm²**Connection**