

Retro-reflective sensor

OSR-FPKG/T

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Alternative articles: OS5016

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



- 1 potentiometer timer
 2 potentiometer sensitivity receiver in upper lens
 transmitter in lower lens

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]	30; ((24 V))
Protection class	II
Reverse polarity protection	yes
Type of light	infrared light
Wave length [nm]	950

Outputs

Electrical design	PNP
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]	100
Short-circuit protection	yes



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Type of short-circuit protection	pulsed
Overload protection	yes
Time function [s]	0.01...5

Detection zone

Range [m]	< 10; (Prismatic reflector Ø 80 E20005)
Range adjustable	yes

Operating conditions

Ambient temperature [°C]	-25...80
Protection	IP 65

Tests / approvals

EMC	EN 60947-5-2	
	EN 55011	class B

Mechanical data

Weight [g]	0.276
Housing	rectangular
Dimensions [mm]	80 x 28 x 95
Materials	PPO modified
Lens material	glass

Displays / operating elements

Display	switching status	1 x LED, yellow
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Аксессуары

Items supplied	Angle bracket: 1, E20210
	screwdrivers

Remarks

Pack quantity	1 pcs.
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Electrical connection

terminals: ...1.5 mm²; Cable gland: M20 X 1.5

Connection

