

Retro-reflective sensor

OTR-FPKG/24V/6M

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Alternative articles: OT5013

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



- 1 potentiometer
receiver in lower lens
transmitter in upper 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]	18...36 DC
Current consumption	[mA]	40; ((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; (parameterisable)
Max. voltage drop switching output DC	[V]	2.5
Permanent current rating of switching output DC	[mA]	100
Switching frequency DC	[Hz]	100
Short-circuit protection		yes

OT5036



Retro-reflective sensor

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Type of short-circuit protection	pulsed
Overload protection	yes

Detection zone

Range [m]	0.15...5; (Prismatic reflector Ø 80 E20005)
Range adjustable	yes

Operating conditions

Ambient temperature [°C]	-10...50
Protection	IP 67

Tests / approvals

EMC	EN 60947-5-2	
	EN 55011	class B

Mechanical data

Housing	rectangular
Dimensions [mm]	75 x 19 x 30
Materials	PBT
Lens material	PMMA

Displays / operating elements

Display	switching status	1 x LED, yellow
	operation	1 x LED, green

Аксессуары

Items supplied	Angle bracket: 1, E20441
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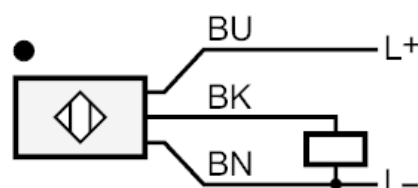
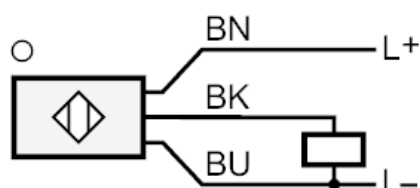
Remarks

Pack quantity	1 pcs.
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Electrical connection

Cable: 6 m, PVC; 3 x 0.34 mm²

Connection



Core colours :
 BN = brown
 BU = blue
 BK = black