

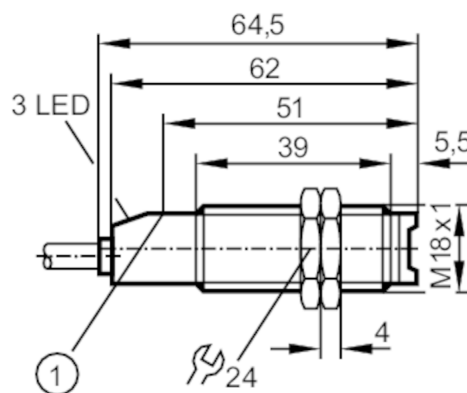
Retro-reflective sensor

OGP-FPKG/B1

Article no longer available - archive entry

Alternative articles: OGP502

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



1 pushbutton

Product characteristics

Type of light	red light
Housing	threaded type

Application

Special feature	polarisation filter
Function principle	Retro-reflective sensor

Electrical data

Operating voltage	[V]	10...36 DC
Current consumption	[mA]	< 30
Protection class		II
Reverse polarity protection		yes
Type of light		red light
Wave length	[nm]	660

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]	200
Switching frequency DC	[Hz]	500
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes

Detection zone

Range	[m]	< 3; (Prismatic reflector Ø 80 E20005)
Range adjustable		yes

OG5045



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Max. light spot diameter	[mm]	262
Light spot dimensions refer to		at maximum range
Polarisation filter available		yes

Operating conditions

Ambient temperature	[°C]	-25...80
Protection		IP 67

Tests / approvals

EMC	EN 60947-5-2	
	EN 55011	class B

Mechanical data

Housing		threaded type
Dimensions	[mm]	M18 x 1 / L = 64.5
Thread designation		M18 x 1
Materials		PBT
Lens material		PMMA

Displays / operating elements

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

Accessories

Items supplied	lock nuts: 2
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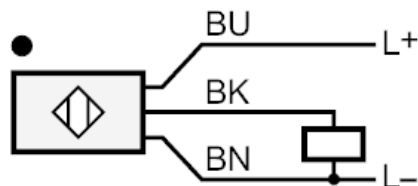
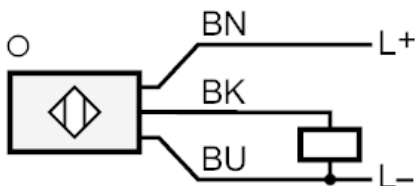
Remarks

Remarks	operating voltage "supply class 2" according to cULus
Pack quantity	1 pcs.

Electrical connection

Cable: 2 m, PVC; 3 x 0.34 mm²

Connection



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



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Diagrams and graphs

excess gain graph

