



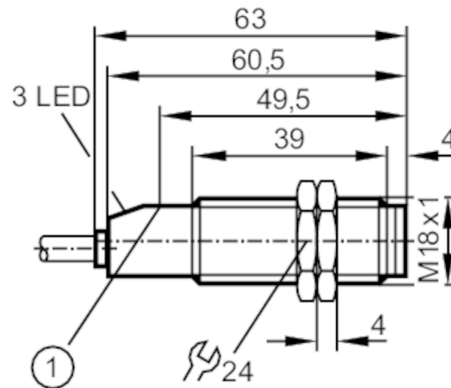
## Retro-reflective sensor

OGP-FPKG/B1/V4A/6M

Article no longer available - archive entry

Alternative articles: OGP302 or OGP303

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
Dimensions [mm]	M18 x 1 / L = 63

### 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

# OG5106



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Detection zone		
Range	[m]	< 3; (Prismatic reflector Ø 80 E20005)
Range adjustable		yes
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 68; IP 69K
Tests / approvals		
EMC		EN 60947-5-2
		EN 55011
		class B
MTTF	[years]	530
Mechanical data		
Housing		threaded type
Dimensions	[mm]	M18 x 1 / L = 63
Thread designation		M18 x 1
Materials		stainless steel (1.4404 / 316L); 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 x
Remarks		
Pack quantity		1 pcs.

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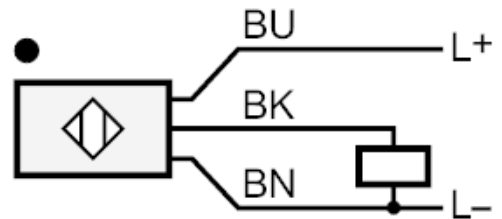
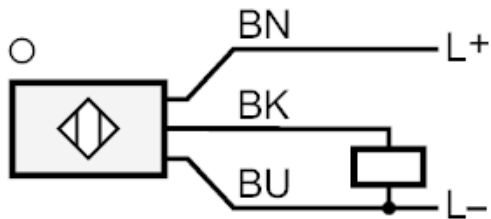
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### Electrical connection

Cable: 6 m, PVC; 3 x 0.34 mm<sup>2</sup>

### Connection



Core colours :

BN = brown  
BU = blue  
BK = black

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### Diagrams and graphs

excess gain graph

