



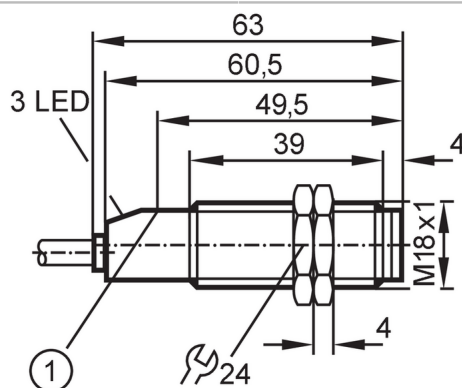
Diffuse reflection sensor

OGT-FPKG/V4A/6M

Article no longer available - archive entry

Alternative articles: OGT301

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



1 pushbutton

Product characteristics

Housing	threaded type
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Application

Function principle	Diffuse reflection sensor
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Electrical data

Operating voltage	[V]	10...36 DC
Current consumption	[mA]	< 30
Protection class		II
Reverse polarity protection		yes

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	[mm]	< 600; (white paper 200 x 200 mm)
Range adjustable		yes
Max. light spot diameter	[mm]	169
Light spot dimensions refer to		at maximum range

Operating conditions

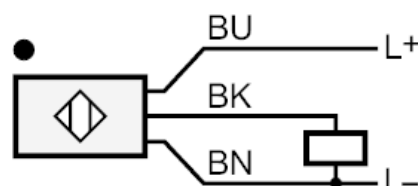
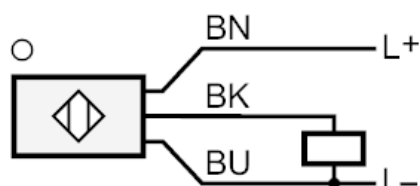
Ambient temperature	[°C]	-25...80
Protection		IP 68; IP 69K



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Tests / approvals		
EMC	EN 60947-5-2	
	EN 55011	class B
Mechanical data		
Housing	threaded type	
Dimensions [mm]	M18 x 1 / L = 63	
Thread designation	M18 x 1	
Materials	housing: stainless steel (316L/1.4404); End cap: PBT	
Lens material	front pane: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	
Remarks		
Pack quantity	1 pcs.	
Electrical connection		
Cable: 6 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

