

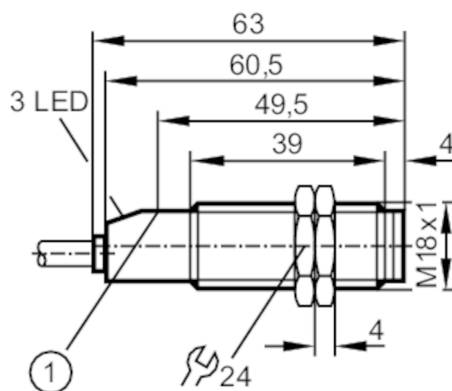
Through-beam sensor receiver

OGE-FPKG/V4A/6M

Article no longer available - archive entry

Alternative articles: OGE302 or OGE303

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



1 pushbutton

Product characteristics

Type of light	infrared light
Housing	threaded type

Application

Function principle	Through-beam sensor
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Electrical data

Operating voltage	[V]	10...36 DC
Current consumption	[mA]	< 22
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]	200
Short-time current rating of switching output	[mA]	200
Switching frequency DC	[Hz]	500
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes

Detection zone

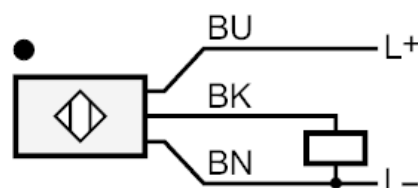
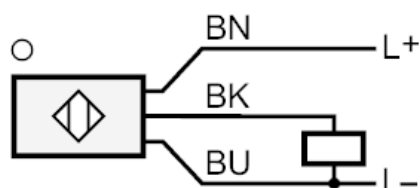
Transmitter / receiver	receiver
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Range	[m]	< 15
Range adjustable		yes
Operating conditions		
Ambient temperature	[°C]	-25...80
Protection		IP 68; IP 69K
Tests / approvals		
EMC	EN 60947-5-2	
	EN 55011	class B
Mechanical data		
Housing		threaded type
Dimensions	[mm]	M18 x 1 / L = 63
Thread designation		M18 x 1
Materials		stainless steel (316L/1.4404); 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
Remarks		
Pack quantity		1 pcs.
Electrical connection		
Cable: 6 m, PVC; 3 x 0.34 mm ²		
Connection		



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



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Diagrams and graphs

excess gain graph

