

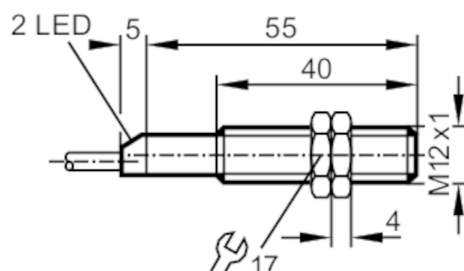
Retro-reflective sensor

OFR-FPKG

Article no longer available - archive entry

Alternative articles: OF5014

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



Product characteristics

Type of light	infrared light
Housing	threaded type

Application

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		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
Switching frequency DC	[Hz]	400
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes

Detection zone

Range	[m]	< 2; (Prismatic reflector Ø 80 E20005)
Range referred to prismatic reflector	[m]	0.05...2; (Prismatic reflector Ø 80 E20005)

Operating conditions

Ambient temperature	[°C]	-25...60
Protection		IP 67

OF5038



Retro-reflective sensor

OFR-FPKG

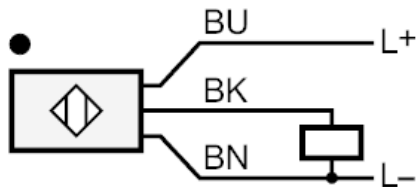
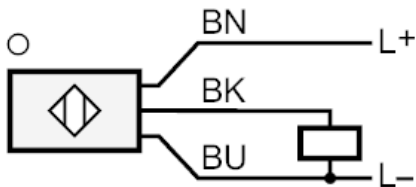
Mechanical data		
Housing	threaded type	
Dimensions [mm]	M12 x 1 / L = 60	
Thread designation	M12 x 1	
Materials	housing: brass white bronze coated	
Lens material	PMMA	

Displays / operating elements		
Display	switching status	1 x LED, yellow
	operation	1 x LED, green

Аксессуары	
Items supplied	lock nuts: 2

Remarks	
Pack quantity	1 pcs.

Electrical connection	
Cable: 2 m, PVC; 3 x 0.34 mm ²	
Connection	



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