

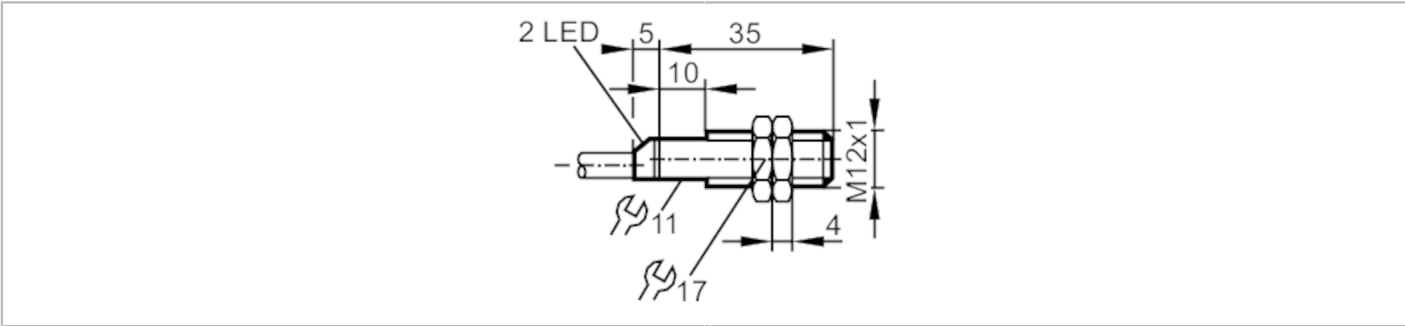


Inductive sensor

IFB2004BAROG/UP/2LED/6M/PH

phase-out article

Alternative articles: IFS725
When selecting an alternative article and accessories please note that technical data may differ!



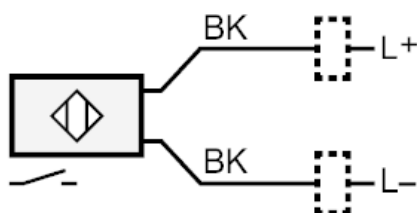
Product characteristics		
Electrical design		PNP/NPN
Output function		normally open
Sensing range	[mm]	4
Housing		threaded type
Dimensions	[mm]	M12 x 1 / L = 40
Application		
Special feature		Optical setting aid
Electrical data		
Operating voltage	[V]	10...36 DC
Protection class		II
Reverse polarity protection		yes
Outputs		
Electrical design		PNP/NPN
Output function		normally open
Max. voltage drop switching output DC	[V]	5
Minimum load current	[mA]	5
Max. leakage current	[mA]	1
Permanent current rating of switching output DC	[mA]	100
Switching frequency DC	[Hz]	110
Short-circuit protection		no
Overload protection		no
Detection zone		
Sensing range	[mm]	4
Real sensing range Sr	[mm]	4 ± 10 %
Operating distance	[mm]	0...3.25



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Accuracy / deviations				
Correction factor		steel: 1 / stainless steel: 0.7 / brass: 0.5 / aluminium: 0.4 / copper: 0.3		
Hysteresis	[% of Sr]	3...15		
Switch point drift	[% of Sr]	-10...10		
Operating conditions				
Ambient temperature		[°C]	-25...70	
Protection		IP 67		
Tests / approvals				
EMC		EN 60947-5-2		
		EN 55011	class B	
MTTF		[years]	1671	
Mechanical data				
Weight		[g]	169	
Housing		threaded type		
Mounting		flush mountable		
Dimensions		[mm]	M12 x 1 / L = 40	
Thread designation		M12 x 1		
Materials		brass white bronze coated; PC		
Displays / operating elements				
Display		switching status		1 x LED, green
		setting aid		1 x LED, red
Optical setting aid		yes		
Accessories				
Items supplied		lock nuts: 2		
Remarks				
Pack quantity		1 pcs.		
Electrical connection				
Cable: 6 m, PUR / PVC; 2 x 0.34 mm²				
Connection				



BK = Core colours :
black