

IF5017

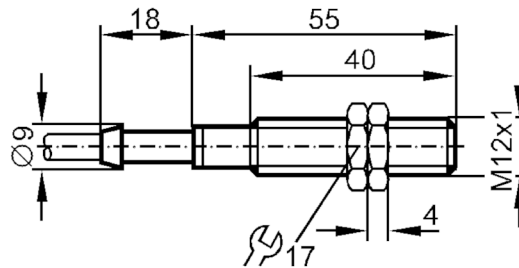


Inductive sensor

IFK3002-BPOG/OLED

Article no longer available - archive entry

Alternative article: IFT203 When selecting an alternative article and accessories please note that technical data may differ! – When selecting an alternative article and accessories please note that technical data may differ!



Electrical data

Operating voltage	[V]	10...30 DC
Current consumption	[mA]	15; (24 V)
Reverse polarity protection		no

Outputs

Electrical design		PNP
Output function		normally open
Max. voltage drop switching output DC	[V]	1
Permanent current rating of switching output DC	[mA]	200
Switching frequency DC	[Hz]	700
Short-circuit protection		no
Overload protection		no

Detection zone

Sensing range	[mm]	2
Real sensing range Sr	[mm]	2 ± 10 %
Operating distance	[mm]	0...1.6

Accuracy / deviations

Correction factor		steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.3 / copper: 0.2
Hysteresis	[% of Sr]	1...15
Switch point drift	[% of Sr]	-10...10

Operating conditions

Ambient temperature	[°C]	-25...80
Protection		IP 67

Tests / approvals

EMC	EN 60947-5-2	class B
	EN 55011	

IF5017



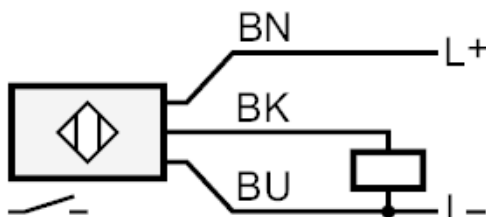
Inductive sensor

IFK3002-BPOG/OLED

Mechanical data	
Housing	threaded type
Mounting	flush mountable
Dimensions [mm]	M12 x 1
Thread designation	M12 x 1
Materials	brass nickel-plated; PBT
Accessories	
Accessories (supplied)	lock nuts: 2
Remarks	
Pack quantity	1 pcs.

Electrical connection
Cable: 2 m, PVC; 3 x 0.34 mm²

Connection



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

Article no longer available - archive entry

Alternative article: IFT203 When selecting an alternative article and accessories please note that technical data may differ! – When selecting an alternative article and accessories please note that technical data may differ!