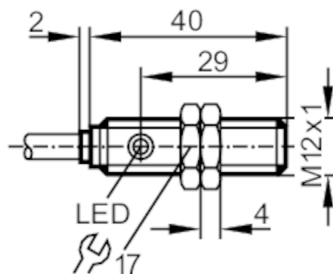


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Inductive sensor

IFC2004-ARKG/UP



Electrical data

Operating voltage	[V]	10...36 DC
Protection class		II
Reverse polarity protection		yes

Outputs

Output function		normally open
Max. voltage drop switching output DC	[V]	4.6
Minimum load current	[mA]	4
Max. leakage current	[mA]	0,6
Permanent current rating of switching output DC	[mA]	150
Switching frequency DC	[Hz]	1500
Electrical design		PNP/NPN
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes

Range

Sensing range	[mm]	4
Real sensing range Sr	[mm]	4 ± 10 %
Operating distance	[mm]	0...3.25

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
MTTF	[years]	2680

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Inductive sensor

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Mechanical data	
Weight [g]	76.6
Housing	threaded type
Mounting	non-flush mountable
Dimensions [mm]	M12 x 1 / L = 40
Thread designation	M12 x 1
Materials	PBT

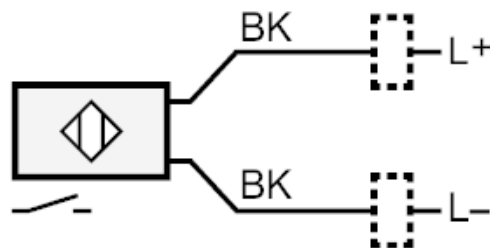
Displays / operating elements		
Display	switching status	1 x LED, yellow

Accessories	
Accessories (supplied)	lock nuts: 2

Remarks	
Pack quantity	1 pcs.

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

Connection



Core colours :

BK = black