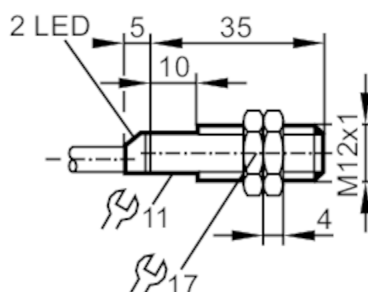




Inductive sensor

IFB2004BBROG/UP/0,3m/DC

Article no longer available - archive entry



Product characteristics

Electrical design	PNP/NPN
Output function	normally closed
Sensing range [mm]	4
Housing	threaded type
Dimensions [mm]	M12 x 1 / L = 40

Application

Special feature	Increased sensing range; Optical setting aid
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Electrical data

Operating voltage [V]	10...36 DC
Protection class	II
Reverse polarity protection	no

Outputs

Electrical design	PNP/NPN
Output function	normally closed
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 S_r [mm]	$4 \pm 10 \%$
Operating distance [mm]	0...3.25
Increased sensing range	yes

Accuracy / deviations

Correction factor	steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.3 / copper: 0.3
Hysteresis [X01]	3...15

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Switch point drift	[X01]	-10...10
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Operating conditions

Ambient temperature	[°C]	-25...70
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Protection	IP 67
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Tests / approvals

EMC	EN 60947-5-2	
	EN 55011	class B

Mechanical data

Housing	threaded type
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Mounting	flush mountable
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Dimensions	[mm]	M12 x 1 / L = 40
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Thread designation	M12 x 1
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Materials	brass white bronze coated; PBT
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Displays / operating elements

Display	switching status	1 x LED, red
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switching status	1 x LED, green
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Optical setting aid	yes
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Аксессуары

Items supplied	lock nuts: 2
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Remarks

Pack quantity	1 pcs.
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Electrical connection - plug

Cable: 0.3 m, PUR; 2 x 0.34 mm²

Connector: 1 x M12; coding: A



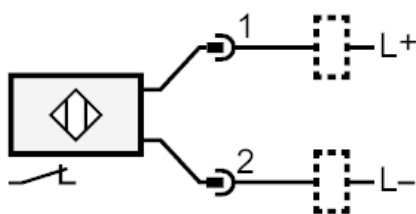
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Connection



BK =

Core colours :
black