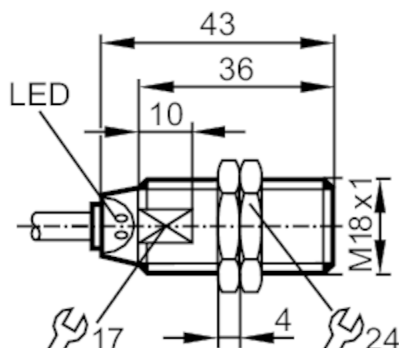


Inductive sensor

IGB2008BAROG/UP/SC/0,3mDC

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Product characteristics

Electrical design	PNP/NPN
Output function	normally open
Sensing range [mm]	8
Housing	threaded type
Dimensions [mm]	M18 x 1 / L = 43

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 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]	100
Short-circuit protection	no
Overload protection	no

Detection zone

Sensing range [mm]	8
Operating distance [mm]	0...6.5
Increased sensing range	yes

Accuracy / deviations

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

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

Mechanical data

Weight	[g]	113.398
Housing		threaded type
Mounting		flush mountable
Dimensions	[mm]	M18 x 1 / L = 43
Thread designation		M18 x 1
Materials		housing: brass PTFE coated; End cap: PC

Displays / operating elements

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

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; cross-linked; 2 x 0.34 mm²Cable: 0.3 m, PUR; protective tube; 2 x 0.34 mm²

Connector: 1 x M12; coding: A



Connection

