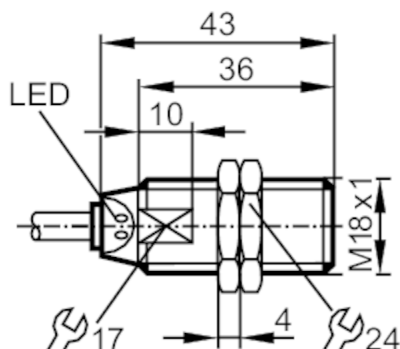




Inductive sensor

IGB2008BBROG/UP/6M/PH



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]	100
Short-circuit protection		no
Overload protection		no

Detection zone

Sensing range	[mm]	8
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Accuracy / deviations

Correction factor		steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.4 / copper: 0.3
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Operating conditions

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

Tests / approvals

EMC		EN 60947-5-2
MTTF	[years]	2673

IG5899



Inductive sensor

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Mechanical data

Weight	[g]	307.8
Housing		threaded type
Mounting		flush mountable
Dimensions	[mm]	M18 x 1 / L = 43
Thread designation		M18 x 1
Materials		brass white bronze coated; PC

Displays / operating elements

Display	switching status	1 x LED, red
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Accessories

Accessories (supplied)	lock nuts: 2
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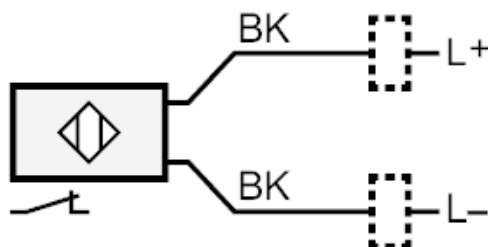
Remarks

Pack quantity	1 pcs.
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Electrical connection

Cable: 6 m, PUR / PVC; 2 x 0.34 mm²

Connection



Core colours :

BK =

black