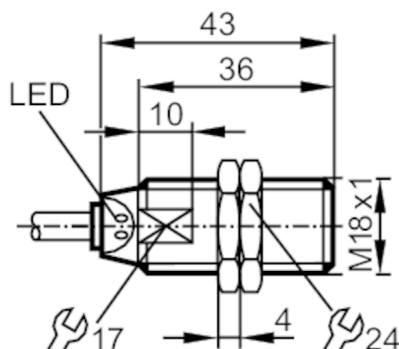


Inductive sensor

IGB2008BBROG/UP/6M/PH



Product characteristics

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

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

Monitoring range

Sensing range [mm]	8
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Accuracy / deviations

Correction factor	steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminum: 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

IGB2008BBROG/UP/6M/PH

Mechanical data		
Weight	[g]	303
Housing		Threaded type
Mounting		flush mountable
Dimensions	[mm]	M18 x 1 / L = 43
Thread designation		M18 x 1
Material		brass white bronze coated; PC

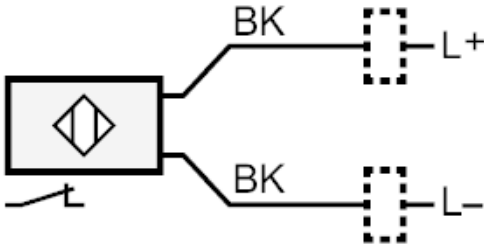
Displays / operating elements		
Display	Switching status	1 x LED, red

Accessories	
Items supplied	lock nuts: 2

Remarks	
Pack quantity	1 pcs.

Electrical connection	
Cable: 6 m, PUR / PVC; 2 x 0.34 mm ²	

Connection



Core colors :
BK = black