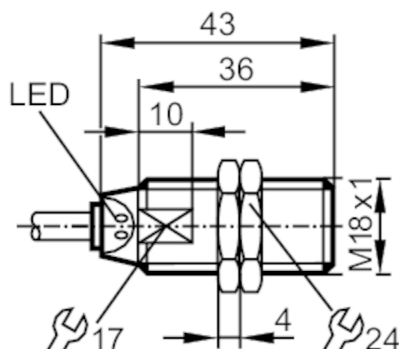


Inductive sensor

IGB2008BAROG/UP/2LED/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 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
Real sensing range Sr [mm]	$8 \pm 10\%$
Increased sensing range	yes

Accuracy / deviations

Correction factor	steel: 1 / stainless steel: 0.7 / aluminium: 0.4 / copper: 0.3
Hysteresis [% of Sr]	3...15

Operating conditions

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

Tests / approvals

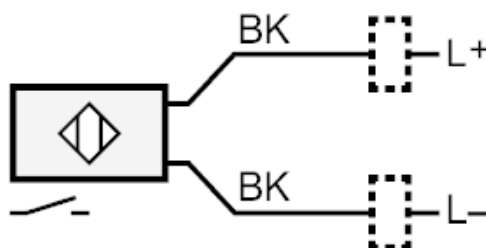
EMC	EN 60947-5-2	
	EN 55011	class B
MTTF [years]	1522	



Inductive sensor

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Mechanical data		
Weight	[g]	309.8
Housing		threaded type
Mounting		flush mountable
Dimensions	[mm]	M18 x 1 / L = 43
Thread designation		M18 x 1
Materials		brass white bronze coated; PBT
Displays / operating elements		
Display	switching status	1 x LED, red
	switching status	1 x LED, green
Optical setting aid		yes
Accessories		
Accessories (supplied)		lock nuts: 2
Remarks		
Notes		discontinued article
Pack quantity		1 pcs.
Electrical connection		
Cable: 6 m, PUR; 2 x 0.34 mm ²		
Connection		



Core colours :

BK = black