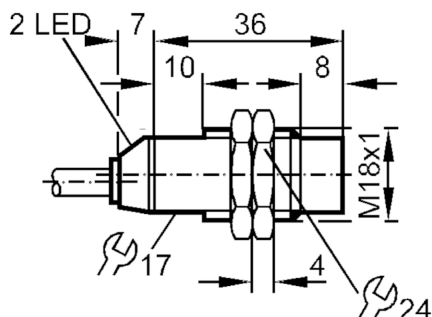




Inductive sensor

IGB2012-AROG/UP/2LED/3M/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]	12
Increased sensing range		yes

Accuracy / deviations

Correction factor		steel: 1 / stainless steel: 0.7 / brass: 0.5 / aluminium: 0.5 / copper: 0.4
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Operating conditions

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

Tests / approvals

EMC		EN 60947-5-2	
		EN 55011	class B
MTTF	[years]		1547

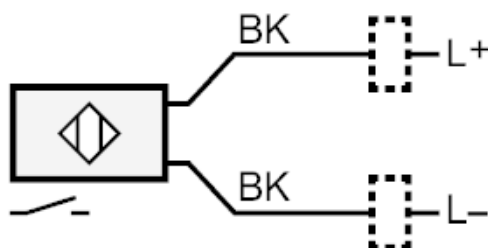
IG5865



Inductive sensor

IGB2012-AROG/UP/2LED/3M/PH

Mechanical data		
Weight	[g]	185.6
Housing		threaded type
Mounting		non-flush mountable
Dimensions	[mm]	M18 x 1
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: 3 m, PUR / PVC; 2 x 0.5 mm ²		
Connection		



Core colours :

BK = black