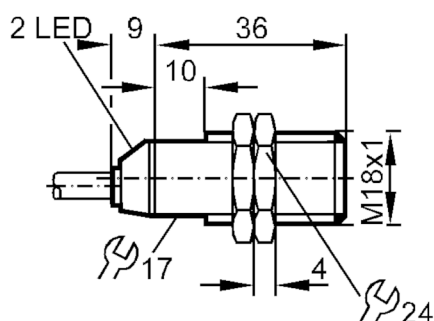




Inductive sensor

IGB2008BAROG/SC/UP/2LED/0,3M

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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

Application

System	Increased sensing range; optical setting aid
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Electrical data

Operating voltage [V]	10...36 DC
Protection class	II
Reverse polarity protection	yes

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

IG6007



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Overload protection	no	
Monitoring range		
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: 0.5 / aluminum: 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
Mechanical data		
Weight	[g]	0.08
Housing	Threaded type	
Mounting	flush mountable	
Dimensions	[mm]	M18 x 1
Thread designation	M18 x 1	
Material	housing: brass PTFE coated; sensing face: PTFE; end cap: PC	
Displays / operating elements		
Display	Switching status	1 x LED, green
	Setting aid	1 x LED, red
Optical setting aid	yes	
Accessories		
Items supplied	lock nuts: 2	
Remarks		
Pack quantity	1 pcs.	

IG6007



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Electrical connection - plug

Cable: 0.3 m, PVC; cross-linked; 2 x 0.34 mm²

Connector: 1 x M12; coding: A

