



Inductive sensor

IGB2008BAROG/UP/2LED/3M/PH

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Alternative articles: IGS312

When selecting an alternative article and accessories please note that technical data may differ!



Product characteristics

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

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	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

Monitoring range

Sensing range [mm]	8
Real sensing range S_r [mm]	$8 \pm 10 \%$
Increased sensing range	yes

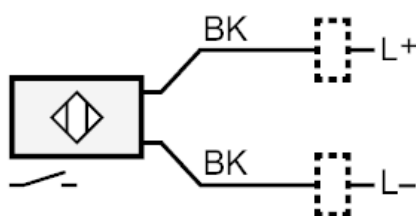
IG5820



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Accuracy / deviations		
Correction factor	steel: 1 / stainless steel: 0.7 / 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]	168.7	
Housing	Threaded type	
Mounting	flush mountable	
Dimensions [mm]	M18 x 1 / L = 43	
Thread designation	M18 x 1	
Material	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		
Items supplied	lock nuts: 2	
Remarks		
Pack quantity	1 pcs.	
Electrical connection		
Cable: 3 m, PUR / PVC; 2 x 0.50 mm²		
Connection		



BK = Core colors :
black