

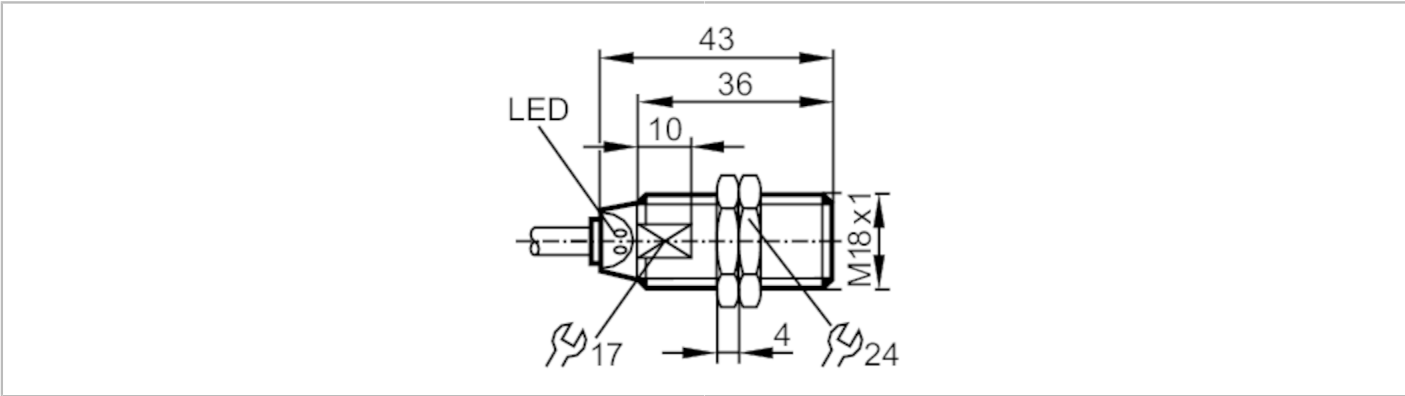


Inductive sensor

IGB2008BAROG/SC/UP/2LED/3M/VH

Article no longer available - archive entry

Alternative articles: IGS720
When selecting an alternative article and accessories please note that technical data may differ!



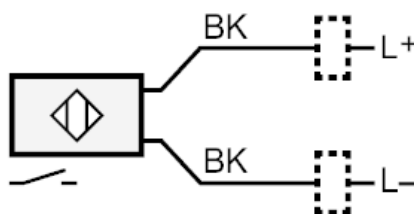
Product characteristics		
Electrical design		PNP/NPN
Output function		normally open
Sensing range	[mm]	8
Housing		threaded type
Dimensions	[mm]	M18 x 1 / L = 43
Application		
Special feature		Increased sensing range; Optical setting aid; anti-spatter
Electrical data		
Operating voltage	[V]	10...36 DC
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
Overload protection		no
Detection zone		
Sensing range	[mm]	8
Operating distance	[mm]	0...6.5
Increased sensing range		yes



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Accuracy / deviations		
Correction factor	steel: 1 / stainless steel: 0.7 / brass: 0.4 / 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
Mechanical data		
Weight	[g]	193
Housing		threaded type
Mounting		flush mountable
Dimensions	[mm]	M18 x 1 / L = 43
Thread designation		M18 x 1
Materials		housing: brass anti-spatter; sensing face: PBT anti-spatter; 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.
Electrical connection		
Cable: 3 m, PVC; cross-linked; 2 x 0.5 mm ²		
Connection		



BK = Core colours :
black