

IG6021

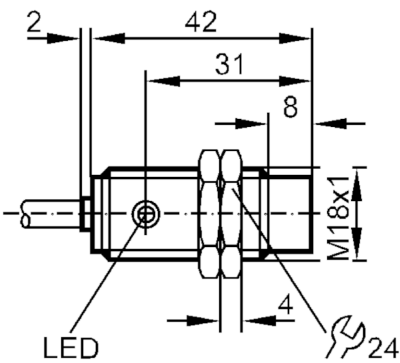


Inductive sensor

IGB2008-ARKG/UP/8M

Article no longer available - archive entry

Alternative articles: IG5715
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
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]	4.6
Minimum load current	[mA]	4
Max. leakage current	[mA]	0.8
Permanent current rating of switching output DC	[mA]	150
Switching frequency DC	[Hz]	300

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Short-circuit protection		yes
Type of short-circuit protection		yes (non-latching)
Overload protection		yes
Monitoring range		
Sensing range	[mm]	8
Real sensing range Sr	[mm]	8 ± 10 %
Operating distance	[mm]	0...6.5
Accuracy / deviations		
Correction factor		steel: 1 / stainless steel: 0.7 / brass: 0.5 / aluminum: 0.4 / copper: 0.3
Hysteresis	[% of Sr]	1...15
Switch-point drift	[% of Sr]	-10...10
Operating conditions		
Ambient temperature	[°C]	-25...80
Protection		IP 67
Tests / approvals		
EMC	EN 60947-5-2	
	EN 55011	class B
Mechanical data		
Housing		Threaded type
Mounting		non-flush mountable
Dimensions	[mm]	M18 x 1
Thread designation		M18 x 1
Material		brass nickel-plated; PBT uncolored
Displays / operating elements		
Display	Switching status	1 x LED, yellow
Accessories		
Items supplied		lock nuts: 2
Remarks		
Pack quantity		1 pcs.

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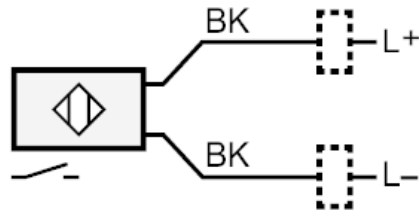
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Electrical connection

Cable: 8 m, PVC; 2 x 0.5 mm²

Connection



BK =

Core colors :
black