

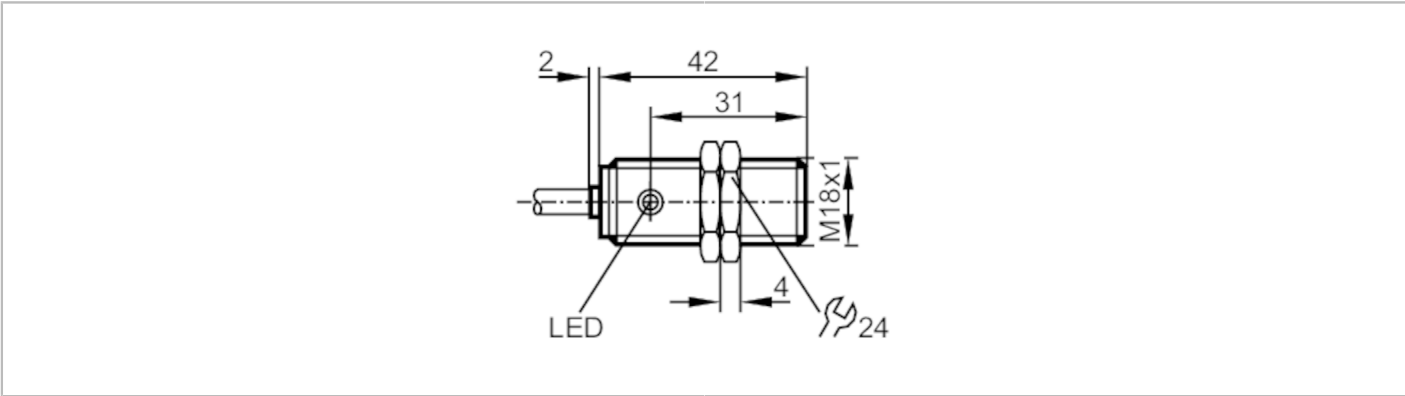


Inductive sensor

IGC2008-ARKG/UP

phase-out article

Alternative articles: IGS709
When selecting an alternative article and accessories please note that technical data may differ!



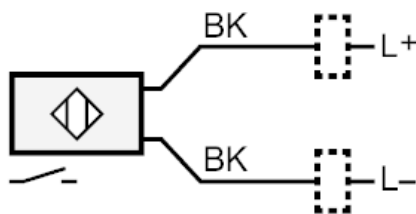
Product characteristics		
Electrical design		PNP/NPN
Output function		normally open
Sensing range	[mm]	8
Housing		threaded type
Dimensions	[mm]	M18 x 1 / L = 42
Electrical data		
Operating voltage	[V]	10...36 DC
Protection class		II
Reverse polarity protection		yes
Outputs		
Electrical design		PNP/NPN
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]	320
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes
Detection zone		
Sensing range	[mm]	8
Real sensing range Sr	[mm]	8 ± 10 %
Operating distance	[mm]	0...6.5



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Accuracy / deviations		
Correction factor	steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.3 / copper: 0.2	
Hysteresis	[X01]	1...15
Switch point drift	[X01]	-10...10
Operating conditions		
Ambient temperature	[°C]	-25...80
Protection		IP 67
Tests / approvals		
EMC	EN 60947-5-2	
	EN 55011	class B
MTTF	[ANN]	2583
Mechanical data		
Weight	[g]	107.8
Housing		threaded type
Mounting		non-flush mountable
Dimensions	[mm]	M18 x 1 / L = 42
Thread designation		M18 x 1
Materials		PBT
Displays / operating elements		
Display	switching status	1 x LED, red
Аксессуары		
Items supplied		lock nuts: 2
Remarks		
Pack quantity		1 pcs.
Electrical connection		
Cable: 2 m, PVC; 2 x 0.5 mm ²		
Connection		



BK = Core colours :
black