

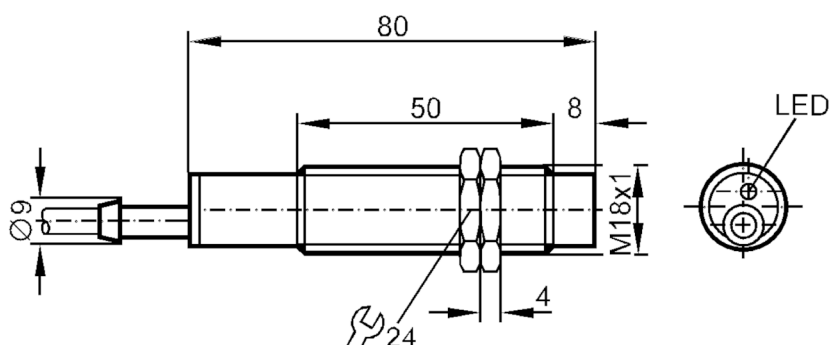
Inductive sensor

IGA2008-ABOW/V4A

Article no longer available - archive entry

Alternative articles: IG0062

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



Product characteristics

Output function	normally open
Sensing range [mm]	8
Housing	threaded type
Dimensions [mm]	M18 x 1

Electrical data

Frequency AC [Hz]	47...63
Operating voltage [V]	20...250 AC
Protection class	II
Reverse polarity protection	no

Outputs

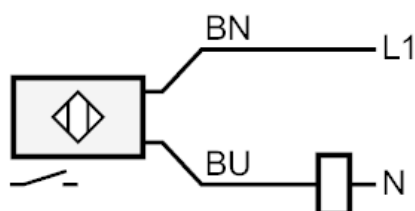
Output function	normally open
Max. voltage drop switching output AC [V]	5.5
Minimum load current [mA]	5
Max. leakage current [mA]	2.5
Permanent current rating of switching output AC [mA]	300; (500 (...50 °C))
Short-time current rating of switching output [mA]	2200; (20 ms / 0,5 Hz)
Switching frequency AC [Hz]	20
Short-circuit protection	no
Overload protection	no



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Detection zone		
Sensing range	[mm]	8
Real sensing range Sr	[mm]	$8 \pm 10 \%$
Operating distance	[mm]	0...6.5
Accuracy / deviations		
Correction factor		steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.4 / copper: 0.3
Hysteresis	[X01]	1...15
Switch point drift	[X01]	-10...10
Operating conditions		
Ambient temperature	[°C]	-25...80
Protection		IP 67
Mechanical data		
Housing		threaded type
Mounting		non-flush mountable
Dimensions	[mm]	M18 x 1
Thread designation		M18 x 1
Materials		stainless steel (1.4571/316Ti); PBT
Displays / operating elements		
Display	switching status	1 x LED, yellow
Аксессуары		
Items supplied		lock nuts: 2
Remarks		
Pack quantity		1 pcs.
Electrical connection		
Cable: 2 m, PVC; 2 x 0.5 mm ²		
Connection		



BN = Core colours :
brown
BU = blue