

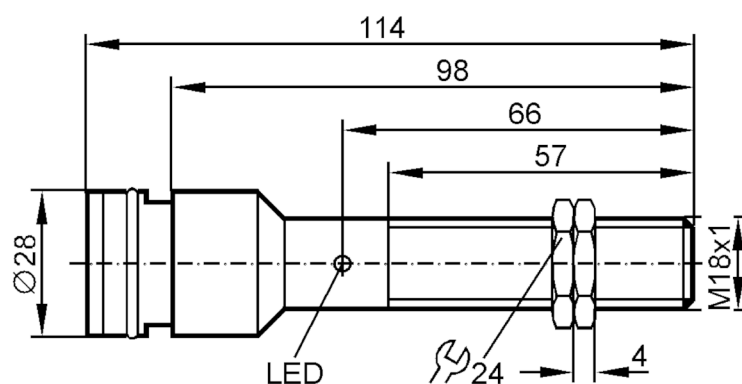
Inductive sensor

IGA2005LBBOW/TS-600-A

Article no longer available - archive entry

Alternative articles: IG0227

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



Product characteristics

Output function		normally closed
Sensing range	[mm]	5
Housing		threaded type
Dimensions	[mm]	M18 x 1

Electrical data

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

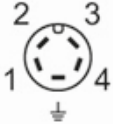
Outputs

Output function		normally closed
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]	25
Short-circuit protection		no
Overload protection		no



Inductive sensor

IGA2005LBBOW/TS-600-A

Detection zone		
Sensing range	[mm]	5
Real sensing range Sr	[mm]	5 ± 10 %
Operating distance	[mm]	0...4.05
Accuracy / deviations		
Correction factor		steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.4 / copper: 0.3
Hysteresis	[% of Sr]	3...15
Switch point drift	[% of Sr]	-10...10
Operating conditions		
Ambient temperature	[°C]	-25...80
Protection		IP 65
Mechanical data		
Housing		threaded type
Mounting		flush mountable
Dimensions	[mm]	M18 x 1
Thread designation		M18 x 1
Materials		brass nickel-plated; PBT
Displays / operating elements		
Display	switching status	1 x LED, yellow
Accessories		
Items supplied		lock nuts: 2
Remarks		
Pack quantity		1 pcs.
Electrical connection - plug		
Connector: 1 x Ø 28 mm; coding: A		
		

IG0014



Inductive sensor

IGA2005LBBOW/TS-600-A

Connection

