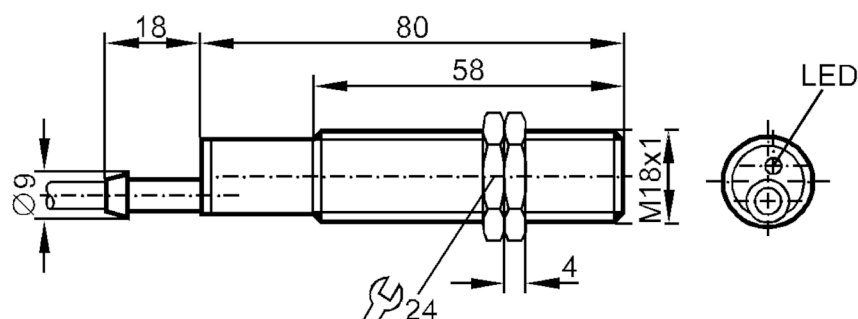


Inductive sensor

IG-2005-ABOW/6M

Article no longer available - archive entry



Product characteristics

Output function	normally open
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
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

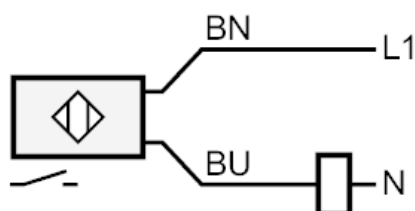
IG0347



Inductive sensor

IG-2005-ABOW/6M

Monitoring range		
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 / 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
Mechanical data		
Housing		Threaded type
Mounting		flush mountable
Dimensions	[mm]	M18 x 1
Thread designation		M18 x 1
Material		PBT
Displays / operating elements		
Display	Switching status	1 x LED, yellow
Accessories		
Items supplied		lock nuts: 2
Remarks		
Pack quantity		1 pcs.
Electrical connection		
Cable: 6 m, PVC; 2 x 0.5 mm ²		
Connection		



BN = Core colors :
brown
BU = blue