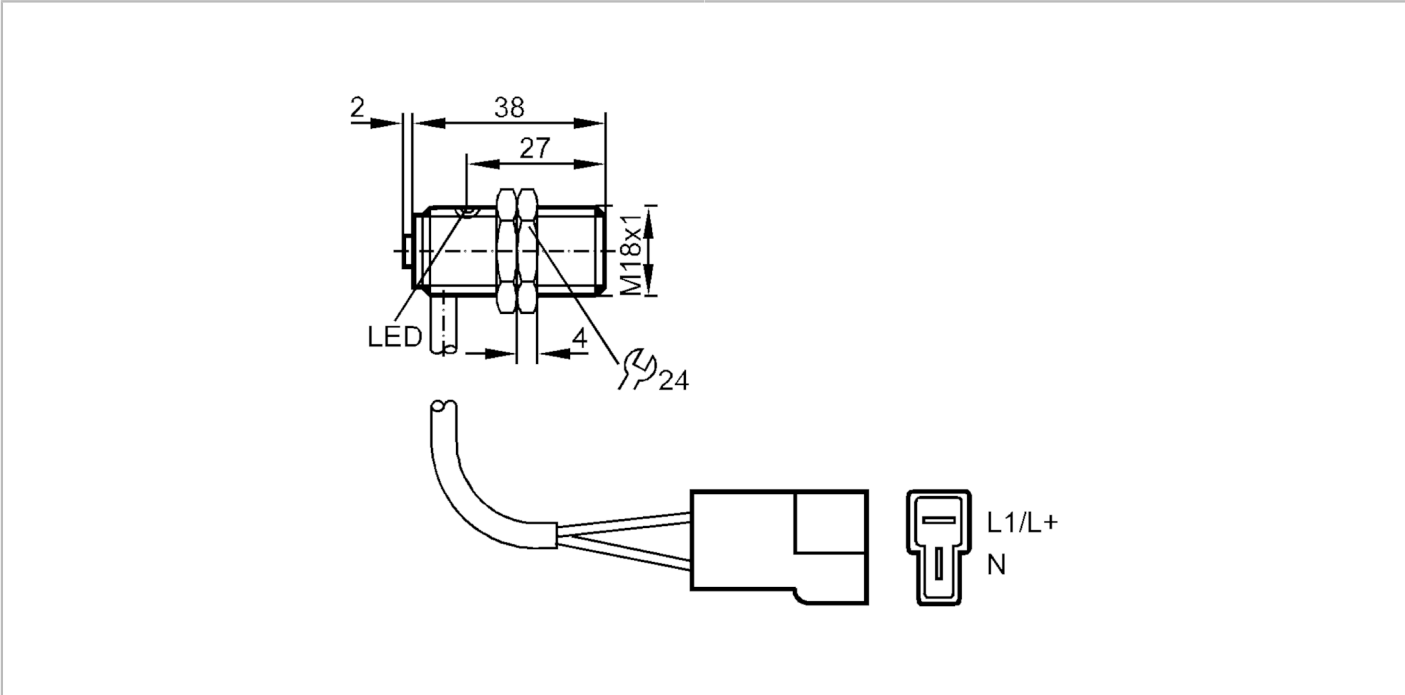




Inductive sensor

IGB2005-AROA/SEITL/0,6M/AMP

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...140 AC / 10...140 DC
Reverse polarity protection		no
Outputs		
Output function		normally open
Max. voltage drop switching output DC	[V]	5
Max. voltage drop switching output AC	[V]	5
Minimum load current	[mA]	5
Max. leakage current	[mA]	0.8
Permanent current rating of switching output AC	[mA]	200
Permanent current rating of switching output DC	[mA]	200
Short-time current rating of switching output	[mA]	900; (20 ms / 0,5 Hz)
Switching frequency AC	[Hz]	500
Switching frequency DC	[Hz]	500

**Inductive sensor**

IGB2005-AROA/SEITL/0,6M/AMP

Short-circuit protection		no
Overload protection		no
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: 0.5 / aluminium: 0.4 / copper: 0.3	
Hysteresis	[% of Sr]	3...15
Switch point drift	[% of Sr]	-10...10
Operating conditions		
Ambient temperature	[°C]	-25...70
Protection	IP 65	
Tests / approvals		
EMC	EN 60947-5-2	
	EN 55011	class B
Mechanical data		
Housing	threaded type	
Mounting	flush mountable	
Dimensions	[mm]	M18 x 1
Thread designation	M18 x 1	
Materials	brass nickel-plated; PC	
Displays / operating elements		
Display	switching status	1 x LED, yellow
Accessories		
Items supplied	lock nuts: 2	
Remarks		
Pack quantity	1 pcs.	

IG0364



Inductive sensor

IGB2005-AROA/SEITL/0,6M/AMP

Electrical connection

Cable: 0.6 m, PUR; 2 x 0.34 mm²

Connection



BN = Core colours :
brown
BU = blue

Connector: 1 x AMP