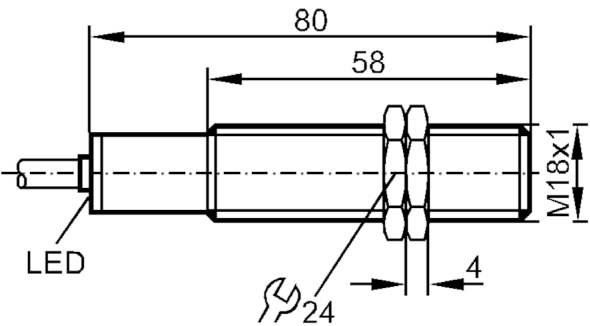




Inductive sensor

IGA3005-BPKG/2,5M/T RT



Electrical data		
Operating voltage	[V]	10...36 DC
Current consumption	[mA]	15; (24 V)
Protection class		II
Reverse polarity protection		yes
Outputs		
Electrical design		PNP
Output function		normally open
Max. voltage drop switching output DC	[V]	2.5
Permanent current rating of switching output DC	[mA]	250
Switching frequency DC	[Hz]	500
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes
Detection zone		
Sensing range	[mm]	5
Real sensing range Sr	[mm]	5 ± 10 %
Operating distance	[mm]	0...4.05



Inductive sensor

IGA3005-BPKG/2,5M/T RT

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...80
Protection	IP 67	
Tests / approvals		
EMC	EN 60947-5-2	class B
	EN 55011	
MTTF	[years]	2444
Mechanical data		
Weight	[g]	236
Housing	threaded type	
Mounting	flush mountable	
Dimensions	[mm]	M18 x 1
Thread designation	M18 x 1	
Materials	brass white bronze coated; PBT	
Displays / operating elements		
Display	switching status	1 x LED, red
Accessories		
Accessories (supplied)	lock nuts: 2	
Remarks		
Notes	discontinued article	
Pack quantity	1 pcs.	

IG5887



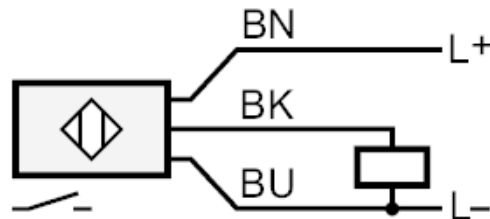
Inductive sensor

IGA3005-BPKG/2,5M/T RT

Electrical connection

Cable: 2.5 m, PTFE; 3 x 0.75 mm²

Connection



Core colours :

BK =	black
BN =	brown
BU =	blue