IG5832

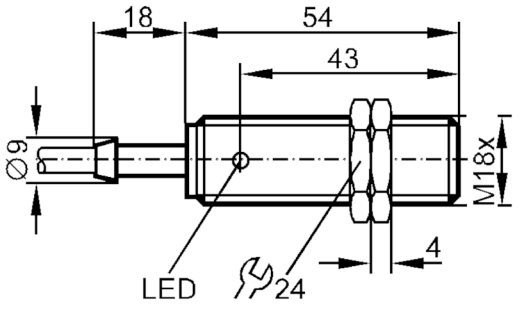
Inductive sensor

IGK3005-BPKG/5M

Article no longer available - archive entry

Alternative articles: IGS204

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



CE

Product characteristics		
Electrical design		PNP
Output function		normally open
Sensing range	[mm]	5
Housing		threaded type
Dimensions	[mm]	M18 x 1
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]	1.5
Permanent current rating of switching output DC	[mA]	250
Switching frequency DC	[Hz]	700
Short-circuit protection		yes

IG5832

Inductive sensor

IGK3005-BPKG/5M

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	
Accuracy / deviations			
Correction factor		steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.3 / copper: 0.2	
Hysteresis	[X01]	3...15	
Switch point drift	[X01]	-10...10	
Operating conditions			
Ambient temperature	[°C]	-25...80	
Protection		IP 67	
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
Аксесуари			
Items supplied		lock nuts: 2	
Remarks			
Pack quantity		1 pcs.	

IG5832

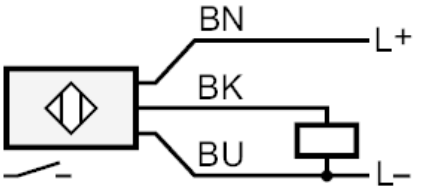
Inductive sensor

IGK3005-BPKG/5M

Electrical connection

Cable: 5 m, PVC; 3 x 0.5 mm²

Connection



	Core colours :
BK =	black
BN =	brown
BU =	blue