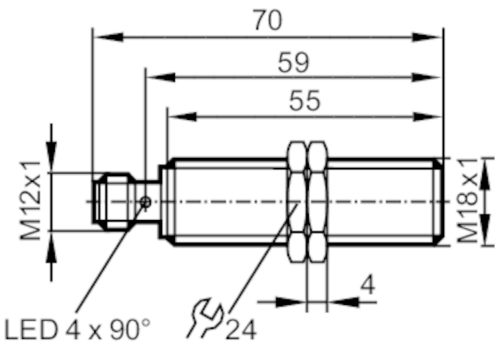




Inductive sensor

IGK3008BBPKG/US-104



Product characteristics		
Electrical design		PNP
Output function		normally open
Sensing range	[mm]	8
Housing		threaded type
Dimensions	[mm]	M18 x 1 / L = 70
Application		
Special feature		Gold-plated contacts
Electrical data		
Operating voltage	[V]	10...30 DC
Current consumption	[mA]	< 10
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]	200
Switching frequency DC	[Hz]	250
Short-circuit protection		yes
Overload protection		yes
Detection zone		
Sensing range	[mm]	8
Real sensing range Sr	[mm]	8 ± 10 %
Operating distance	[mm]	0...6.48
Accuracy / deviations		
Correction factor		steel: 1 / stainless steel: 0.7 / brass: 0.5 / aluminium: 0.4 / copper: 0.3
Hysteresis	[X01]	3...15
Switch point drift	[X01]	-10...10

IG5929



Inductive sensor

IGK3008BBPKG/US-104

Operating conditions					
Ambient temperature	[°C]	-25...70			
Protection		IP 67			
Tests / approvals					
EMC		EN 55011			class B
MTTF	[ANN]	1083			
Embedded software included		no			
Mechanical data					
Weight	[g]	56.2			
Housing		threaded type			
Mounting		flush mountable			
Dimensions	[mm]	M18 x 1 / L = 70			
Thread designation		M18 x 1			
Materials		housing: brass white bronze coated; sensing face: PBT orange; LED window: PEI; lock nuts: brass white bronze coated			
Displays / operating elements					
Display		switching status		4 x LED, yellow	
Аксессуары					
Items supplied		lock nuts: 2			
Remarks					
Pack quantity		1 pcs.			
Electrical connection - plug					

Connector: 1 x M12; coding: A; Contacts: gold-plated



Connection

