

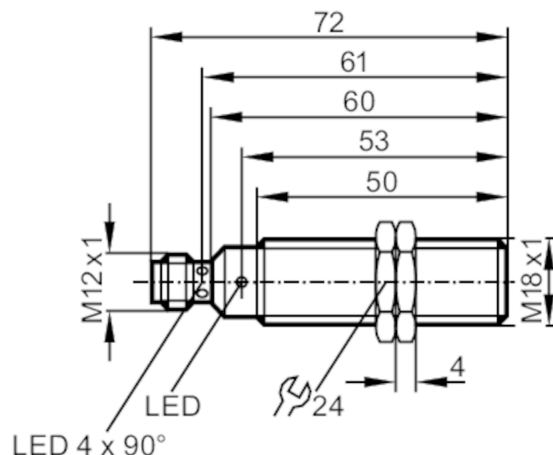
Inductive sensor

IGK2008BFRKG/2LED/US-104-IRF/R

Article no longer available - archive entry

Alternative articles: IG5953

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



Product characteristics

Electrical design	PNP/NPN
Output function	normally open / normally closed; (selectable)
Sensing range [mm]	8
Housing	threaded type
Dimensions [mm]	M18 x 1 / L = 72

Application

Special feature	Increased sensing range; Optical setting aid
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Electrical data

Operating voltage [V]	10...36 DC
Protection class	II
Reverse polarity protection	yes

Outputs

Electrical design	PNP/NPN
Output function	normally open / normally closed; (selectable)
Max. voltage drop switching output DC [V]	4.6
Minimum load current [mA]	4
Max. leakage current [mA]	1
Permanent current rating of switching output DC [mA]	100
Switching frequency DC [Hz]	250
Short-circuit protection	yes
Type of short-circuit protection	pulsed

IG6006



Inductive sensor

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Overload protection	yes	
Detection zone		
Sensing range	[mm]	8
Operating distance	[mm]	0...6.48
Increased sensing range	yes	
Accuracy / deviations		
Correction factor	steel: 1 / stainless steel: 0.7 / brass: 0.45 / aluminium: 0.4 / copper: 0.33	
Hysteresis	[X01]	3...20
Operating conditions		
Ambient temperature	[°C]	-25...70
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 / L = 72
Thread designation	M18 x 1	
Materials	brass white bronze coated; sensing face: PBT; LED window: PA	
Displays / operating elements		
Display	switching status	4 x 90° LED, red
	setting aid	1 x LED, red
Optical setting aid	yes	
Аксессуары		
Items supplied	lock nuts: 2	
Remarks		
Pack quantity	1 pcs.	

IG6006



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Electrical connection - plug

Connector: 1 x M12; coding: A

