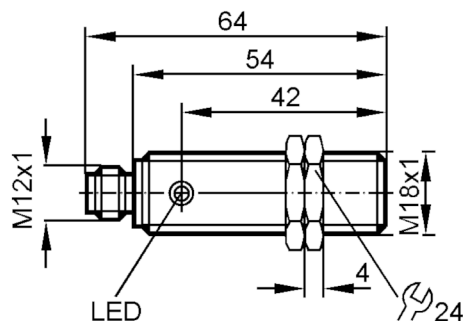


Inductive sensor

IGK2005ZABOA/SL/LS-200-K

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

Operating voltage [V]	20...250 AC/DC
Reverse polarity protection	no

Outputs

Output function	normally open
Max. voltage drop switching output DC [V]	6.7
Max. voltage drop switching output AC [V]	6.7
Minimum load current [mA]	4
Max. leakage current [mA]	2.2
Permanent current rating of switching output AC [mA]	100
Permanent current rating of switching output DC [mA]	100
Switching frequency AC [Hz]	25
Switching frequency DC [Hz]	70
Short-circuit protection	no
Overload protection	no

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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	[% of Sr]	3...15
Switch point drift	[% of Sr]	-10...10
Operating conditions		
Ambient temperature	[°C]	-25...100
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; ULTRASON
Displays / operating elements		
Display	switching status	1 x LED, yellow
Accessories		
Items supplied		lock nuts: 2
Remarks		
Pack quantity		1 pcs.

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Electrical connection - plug

Connector: 1 x M12; coding: B

