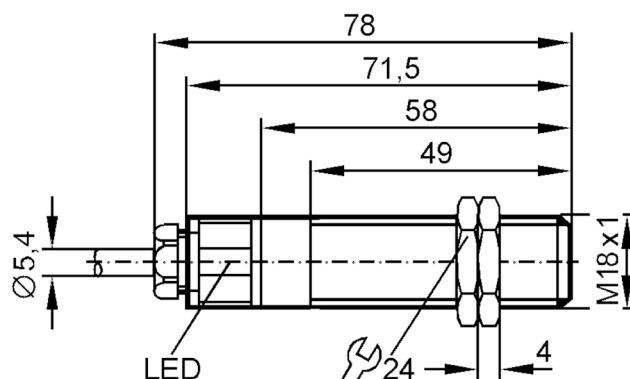


Inductive sensor

IGK3005-BPKG/V4A/10M

Article no longer available - archive entry



Product characteristics

Electrical design	PNP
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
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
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IG6009



Inductive sensor

IGK3005-BPKG/V4A/10M

Sensing range adjustable		no
Real sensing range Sr	[mm]	5 ± 10 %
Operating distance	[mm]	0...4.05

Accuracy / deviations

Correction factor		steel: 1 / stainless steel: 0.66 / brass: 0.42 / aluminium: 0.37 / copper: 0.3
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		stainless steel (1.4571/316Ti); POM; PES

Displays / operating elements

Display	switching status	1 x LED, yellow
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Аксессуары

Items supplied		lock nuts: 2
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Electrical connection

Connection

