



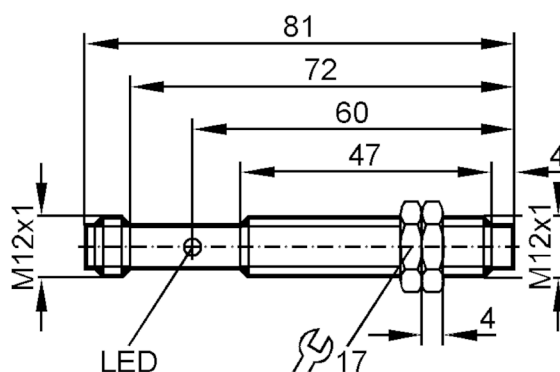
Inductive sensor

IFA3004-BPOG/V4A/US-100-DPS

Article no longer available - archive entry

Alternative articles: IF5594

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



Product characteristics

Electrical design	PNP
Output function	normally open
Sensing range [mm]	4
Housing	threaded type
Dimensions [mm]	M12 x 1

Electrical data

Operating voltage [V]	10...30 DC
Current consumption [mA]	15; (24 V)
Reverse polarity protection	no

Outputs

Electrical design	PNP
Output function	normally open
Max. voltage drop switching output DC [V]	1
Permanent current rating of switching output DC [mA]	200
Switching frequency DC [Hz]	300
Short-circuit protection	no
Overload protection	no

Detection zone

Sensing range [mm]	4
--------------------	---

IF5472



Inductive sensor

IFA3004-BPOG/V4A/US-100-DPS

Real sensing range S_r	[mm]	$4 \pm 10 \%$
Operating distance	[mm]	0...3.25

Accuracy / deviations

Correction factor	steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.3 / copper: 0.2	
Hysteresis	[% of S_r]	1...15
Switch point drift	[% of S_r]	-10...10

Operating conditions

Ambient temperature	[°C]	-25...80
Protection		IP 65

Mechanical data

Housing		threaded type
Mounting		non-flush mountable
Dimensions	[mm]	M12 x 1
Thread designation		M12 x 1
Materials		stainless steel (316Ti/1.4571); PBT

Displays / operating elements

Display	switching status	1 x LED, yellow
---------	------------------	-----------------

Accessories

Items supplied	lock nuts: 2
----------------	--------------

Remarks

Pack quantity	1 pcs.
---------------	--------

Electrical connection - plug

Connector: 1 x M12; coding: A



Connection

