

IF5926

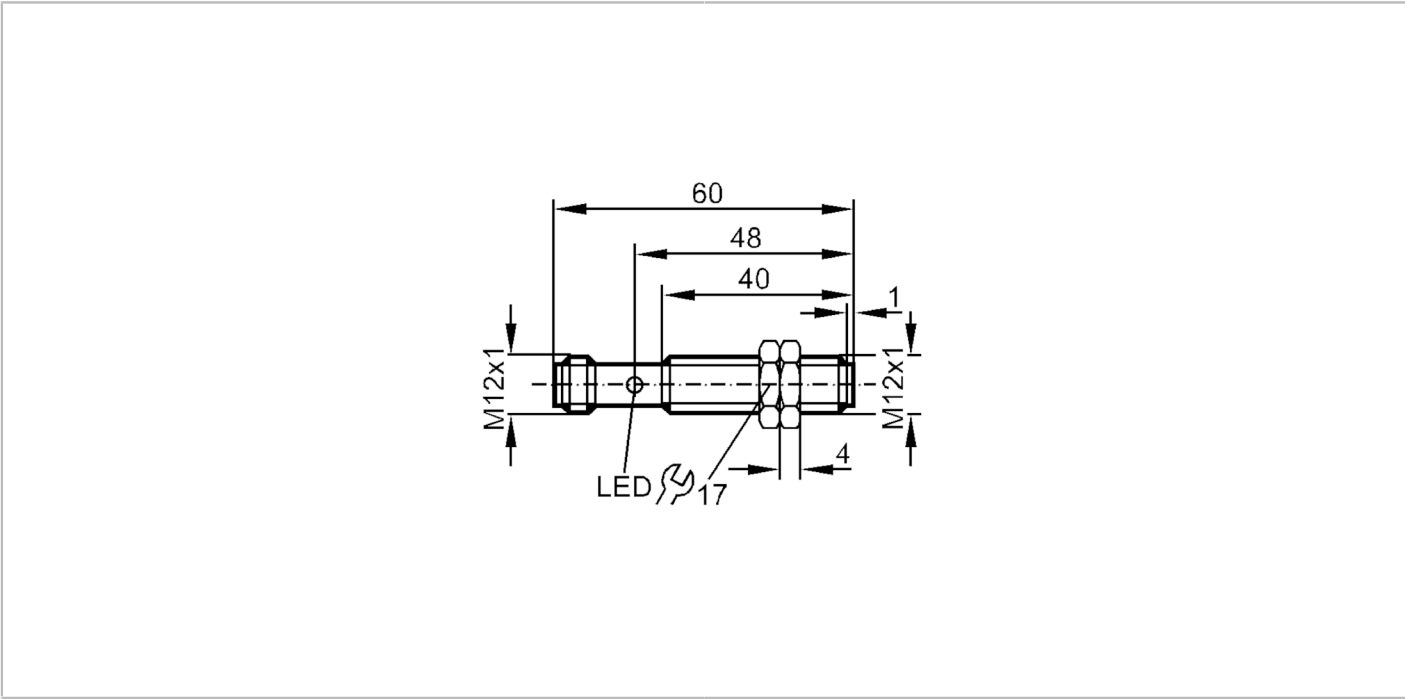


Inductive sensor

IFK3003-BPKG/V2A/US-104-DPS

Article no longer available - archive entry

Alternative articles: IFT203
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]	3
Housing	threaded type
Dimensions [mm]	M12 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
Output function	normally open
Max. voltage drop switching output DC [V]	2.5
Permanent current rating of switching output DC [mA]	250
Switching frequency DC [Hz]	400
Short-circuit protection	yes

IF5926



Inductive sensor

IFK3003-BPKG/V2A/US-104-DPS

Type of short-circuit protection	pulsed
Overload protection	yes

Detection zone

Sensing range	[mm]	3
Real sensing range S_r	[mm]	$3 \pm 10 \%$
Operating distance	[mm]	0...2.4

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

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	partially flush mountable	
Dimensions	[mm]	M12 x 1
Thread designation	M12 x 1	
Materials	stainless steel (1.4305 / 303); PC	

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



IF5926



Inductive sensor

IFK3003-BPKG/V2A/US-104-DPS

Connection

