

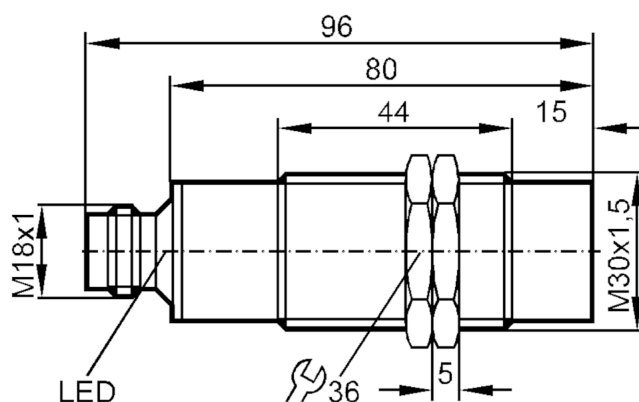
Inductive sensor

IIA3015-ANKG/BS-301-ANS

Article no longer available - archive entry

Alternative articles: II5492

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



Product characteristics

Electrical design	NPN
Output function	normally open
Sensing range [mm]	15
Housing	threaded type
Dimensions [mm]	M30 x 1.5

Electrical data

Operating voltage [V]	10...36 DC
Current consumption [mA]	15; (24 V)
Protection class	II
Reverse polarity protection	yes

Outputs

Electrical design	NPN
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]	250
Short-circuit protection	yes

**Inductive sensor**

IIA3015-ANKG/BS-301-ANS

Type of short-circuit protection	pulsed
Overload protection	yes

Detection zone

Sensing range	[mm]	15
Real sensing range S_r	[mm]	$15 \pm 10 \%$
Operating distance	[mm]	0...12.1

Accuracy / deviations

Correction factor	steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.3 / copper: 0.2	
Hysteresis	[X01]	1...15
Switch point drift	[X01]	-10...10

Operating conditions

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

Tests / approvals

EMC	EN 60947-5-2	
	EN 55011	class B

Mechanical data

Housing	threaded type	
Mounting	non-flush mountable	
Dimensions	[mm]	M30 x 1.5
Thread designation	M30 x 1.5	
Materials	brass white bronze coated; CO-PC	

Displays / operating elements

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

Аксессуары

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

Remarks

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

Electrical connection - plug

Connector: 1 x M18; coding: A





Inductive sensor

IIA3015-ANKG/BS-301-ANS

Connection

