

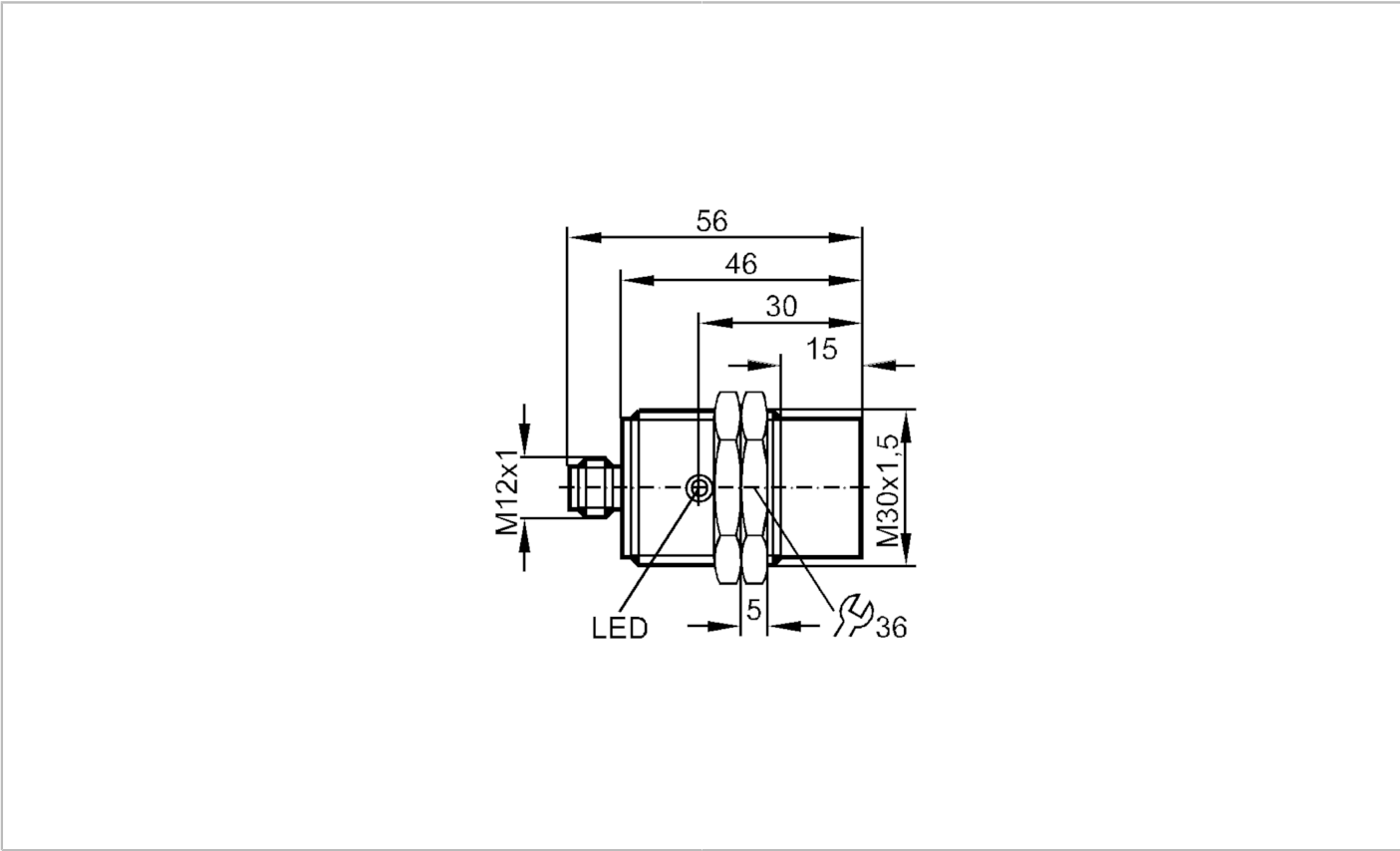


Inductive sensor

IIB3015-APOG/US-100-DPO

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Alternative articles: IIS209
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Product characteristics

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

Electrical data

Operating voltage [V]	10...36 DC
Current consumption [mA]	< 7
Protection class	II
Reverse polarity protection	no

Outputs

Electrical design	PNP
Output function	normally closed
Max. voltage drop switching output DC [V]	2
Permanent current rating of switching output DC [mA]	200
Switching frequency DC [Hz]	250



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Short-circuit protection	no
Overload protection	no

Detection zone	
Sensing range	[mm] 15
Real sensing range Sr	[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

Mechanical data	
Housing	threaded type
Mounting	non-flush mountable
Dimensions	[mm] M30 x 1.5
Thread designation	M30 x 1.5
Materials	brass nickel-plated; PBT

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 M12; coding: A



II5456



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Connection

