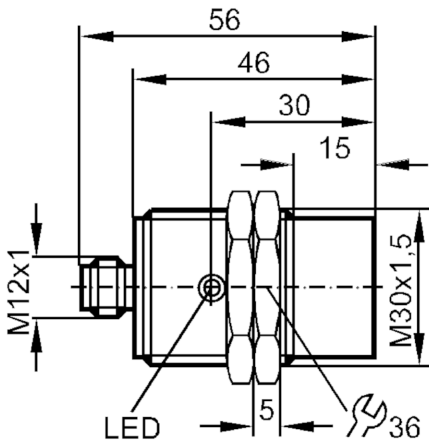




Inductive sensor

IIB3015-BNOG/US-100-DNO

Article no longer available - archive entry



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]	18...36 DC
Current consumption	[mA]	15; (24 V)
Reverse polarity protection		no

Outputs

Electrical design		NPN
Output function		normally open
Max. voltage drop switching output DC	[V]	2
Permanent current rating of switching output DC	[mA]	200
Switching frequency DC	[Hz]	250
Short-circuit protection		no
Overload protection		no

Monitoring range

Sensing range	[mm]	15
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Inductive sensor

IIB3015-BNOG/US-100-DNO

Real sensing range Sr	[mm]	15 ± 10 %
Operating distance	[mm]	0...12.1

Accuracy / deviations		
Correction factor		steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminum: 0.3 / copper: 0.2
Hysteresis	[% of Sr]	1...15
Switch-point drift	[% of Sr]	-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
Material		brass nickel-plated; PBT

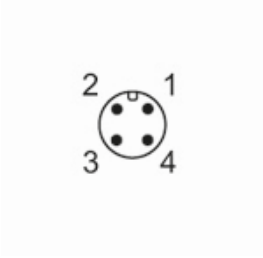
Displays / operating elements		
Display	Switching status	1 x LED, yellow

Accessories		
Items supplied		lock nuts: 2

Remarks		
Pack quantity		1 pcs.

Electrical connection - plug

Connector: 1 x M12; coding: A



Connection

