

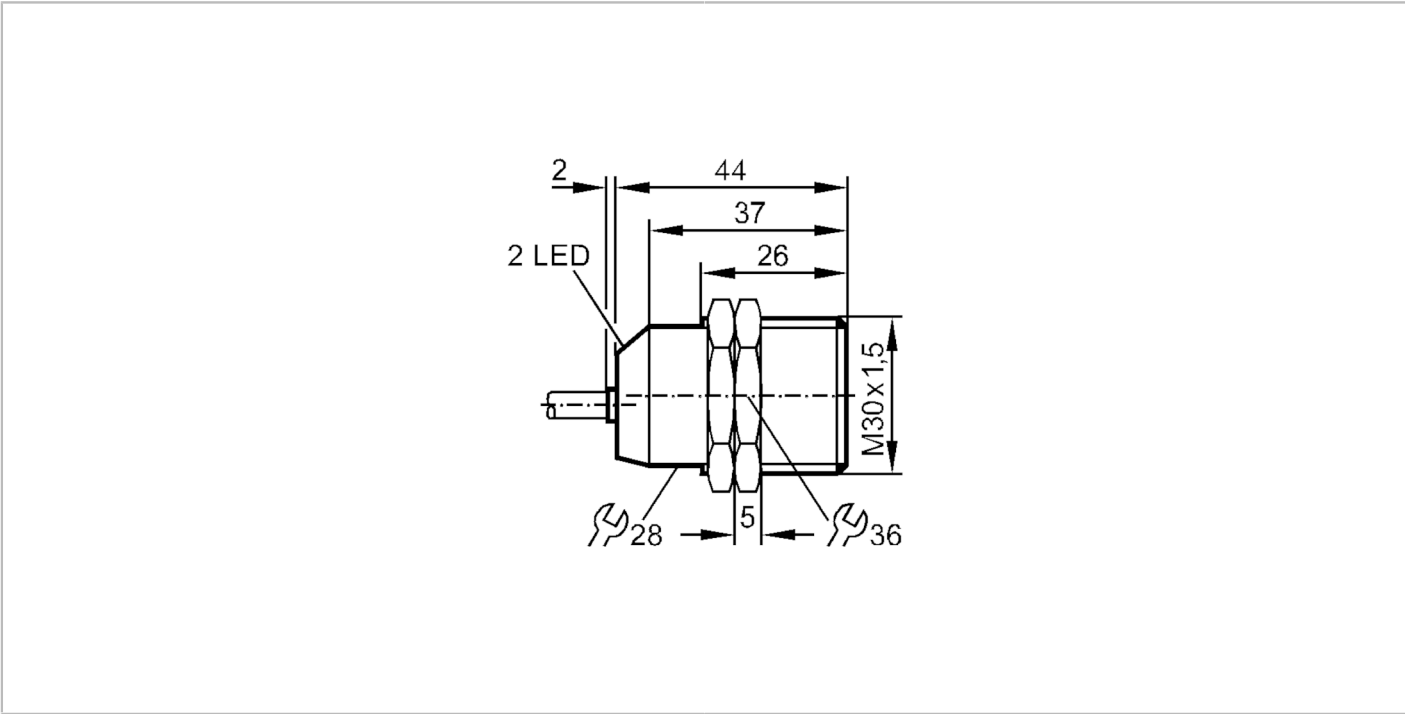


Inductive sensor

II5835

Article no longer available - archive entry

Alternative articles: II5822
When selecting an alternative article and accessories please note that technical data may differ!



Product characteristics		
Electrical design		PNP/NPN
Output function		normally closed
Sensing range	[mm]	12
Housing		Threaded type
Dimensions	[mm]	M30 x 1.5
Application		
System		Increased sensing range; optical setting aid
Electrical data		
Operating voltage	[V]	10...36 DC
Protection class		II
Reverse polarity protection		no
Outputs		
Electrical design		PNP/NPN
Output function		normally closed
Max. voltage drop switching output DC	[V]	5
Minimum load current	[mA]	5
Max. leakage current	[mA]	1



Inductive sensor

IIB2012BBROG/UP/0,3m/DC

Permanent current rating of switching output DC	[mA]	100
Switching frequency DC	[Hz]	100
Short-circuit protection		no
Overload protection		no

Monitoring range		
Sensing range	[mm]	12
Operating distance	[mm]	0...9.7
Increased sensing range		yes

Accuracy / deviations		
Correction factor		steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminum: 0.3 / copper: 0.2
Hysteresis	[% of Sr]	3...15

Operating conditions		
Ambient temperature	[°C]	-25...70
Protection		IP 67

Tests / approvals		
EMC	EN 60947-5-2	
	EN 55011	class B

Mechanical data		
Housing		Threaded type
Mounting		flush mountable
Dimensions	[mm]	M30 x 1.5
Thread designation		M30 x 1.5
Material		brass white bronze coated; PBT

Displays / operating elements		
Display	Switching status	1 x LED, red
Optical setting aid		yes

Accessories		
Items supplied		lock nuts: 2

Remarks		
Pack quantity		1 pcs.

Electrical connection - plug

Cable: 0.3 m, PUR; 2 x 0.5 mm²

Connector: 1 x M12; coding: A



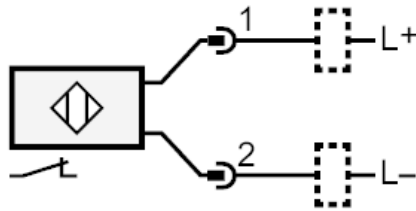
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Connection



BK = Core colors :
black