

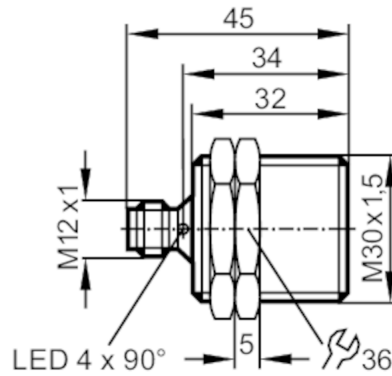


Inductive sensor

II5849-BPKG/US-104-DPS

discontinued article

Alternative article: II5837 When selecting an alternative article and accessories please note that technical data may differ! – When selecting an alternative article and accessories please note that technical data may differ! – Discontinuation date: 31.03.2019



Product characteristics

Electrical design		PNP
Output function		normally open
Sensing range	[mm]	10
Housing		threaded type
Dimensions	[mm]	M30 x 1.5 / L = 45

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
Short-time current rating of switching output	[mA]	250
Switching frequency DC	[Hz]	450
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes

II5849



Inductive sensor

IIB3010-BPKG/US-104-DPS

Detection zone		
Sensing range	[mm]	10
Real sensing range Sr	[mm]	10 ± 10 %
Operating distance	[mm]	0...8.1
Accuracy / deviations		
Correction factor		steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 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 67
Tests / approvals		
EMC	EN 60947-5-2	
	EN 55011	class B
MTTF	[years]	1743
Mechanical data		
Weight	[g]	118.5
Housing		threaded type
Mounting		flush mountable
Dimensions	[mm]	M30 x 1.5 / L = 45
Thread designation		M30 x 1.5
Materials		brass white bronze coated; PBT
Displays / operating elements		
Display	switching status	4 x LED, yellow
Accessories		
Accessories (supplied)		lock nuts: 2
Remarks		
Pack quantity		1 pcs.
Electrical connection - plug		
Connector: 1 x M12		
		

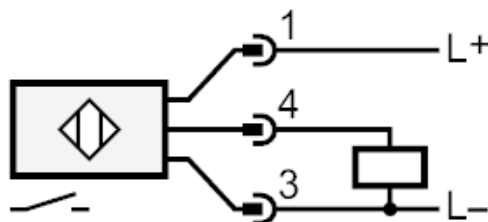
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Connection



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