

IB5117



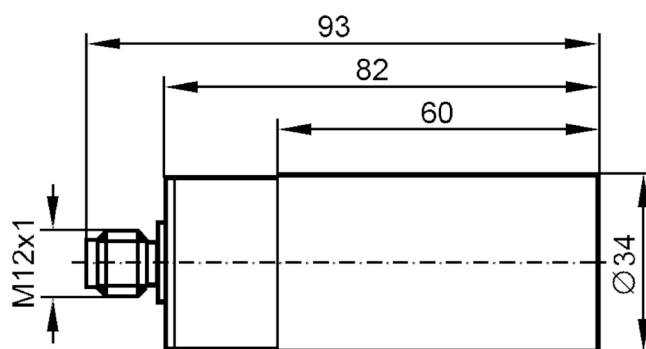
Inductive sensor

IB-3030-BPKG/US-100-DPS

Article no longer available - archive entry

Alternative articles: IB5125

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



Product characteristics

Electrical design	PNP
Output function	normally open
Sensing range [mm]	30
Housing	tubular
Dimensions [mm]	Ø 34

Electrical data

Operating voltage [V]	10...55 DC
Current consumption [mA]	5; (24 V)
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
Switching frequency DC [Hz]	7
Short-circuit protection	yes
Type of short-circuit protection	yes (non-latching)
Overload protection	yes

IB5117



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Monitoring range		
Sensing range	[mm]	30
Real sensing range Sr	[mm]	30 ± 10 %
Operating distance	[mm]	0...24.3
Accuracy / deviations		
Correction factor		steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminum: 0.4 / copper: 0.3
Hysteresis	[% of Sr]	1...15
Switch-point drift	[% of Sr]	-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		tubular
Mounting		non-flush mountable
Dimensions	[mm]	Ø 34
Material		PBT
Accessories		
Items supplied		Mounting clamp: 1
Remarks		
Pack quantity		1 pcs.
Electrical connection - plug		
Connector: 1 x M12; coding: A		
		

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Connection

