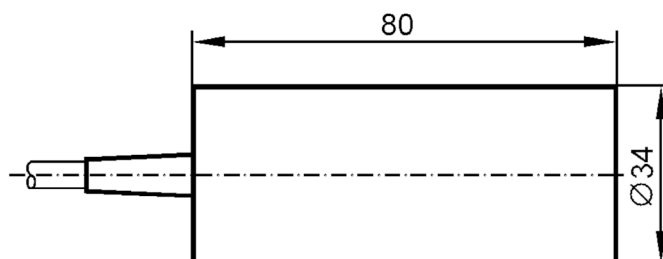




Inductive sensor

IB-3020ABNOG

Article no longer available - archive entry



Product characteristics

Electrical design	NPN
Output function	normally closed
Sensing range [mm]	20
Housing	tubular
Dimensions [mm]	Ø 34

Electrical data

Operating voltage [V]	20...72 DC
Current consumption [mA]	8.5; (60 V)
Reverse polarity protection	no

Outputs

Electrical design	NPN
Output function	normally closed
Max. voltage drop switching output DC [V]	1.5
Permanent current rating of switching output DC [mA]	200
Switching frequency DC [Hz]	70
Short-circuit protection	no
Overload protection	no

Monitoring range

Sensing range [mm]	20
Real sensing range Sr [mm]	20 ± 10 %
Operating distance [mm]	0...16.2

IB5030



Inductive sensor

IB-3020ABNOG

Accuracy / deviations

Correction factor	steel: 1 / stainless steel: 0.85 / brass: 0.54 / aluminum: 0.5 / copper: 0.46	
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

Mechanical data

Housing	tubular
Mounting	non-flush mountable
Dimensions [mm]	Ø 34
Material	PBT

Displays / operating elements

Display	Switching status	1 x LED, yellow
---------	------------------	-----------------

Accessories

Items supplied	Mounting clamp: 1
----------------	-------------------

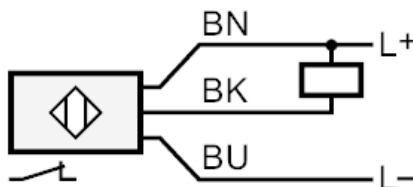
Remarks

Pack quantity	1 pcs.
---------------	--------

Electrical connection

Cable: 2 m, PVC; 3 x 0.5 mm²

Connection



	Core colors :
BN =	brown
BU =	blue
BK =	black