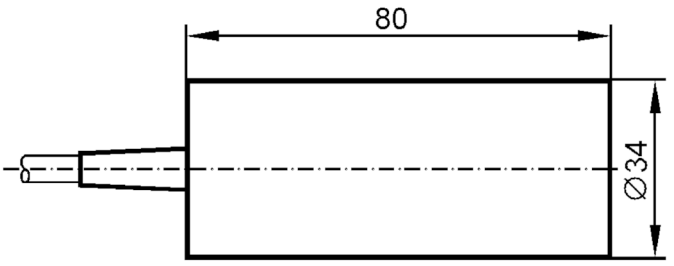
IB5026

Inductive sensor

IB-3020GBNOG

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]	30
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

IB5026

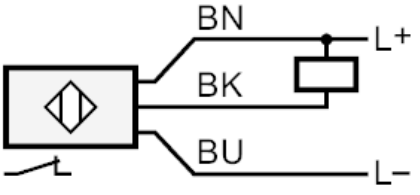
Inductive sensor

IB-3020GBNOG

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
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		

Cable: 2 m, PVC; 3 x 0.5 mm²

Connection



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