

IB5074



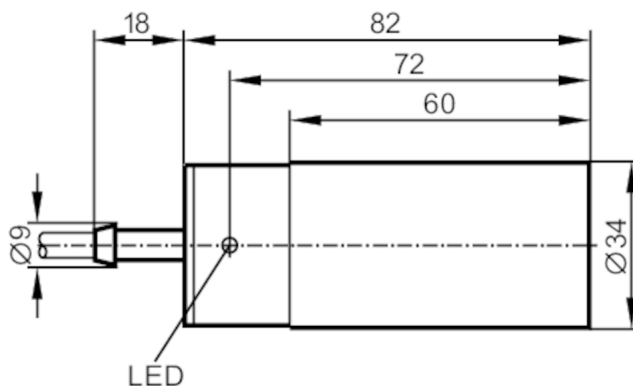
Inductive sensor

IB-3020-ANKG/10M

Article no longer available - archive entry

Alternative articles: IB5072

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



Product characteristics

Electrical design	NPN
Output function	normally open
Sensing range [mm]	20
Housing	tubular
Dimensions [mm]	Ø 34 / L = 82

Electrical data

Operating voltage [V]	10...36 DC
Current consumption [mA]	15; (24 V)
Protection class	II
Reverse polarity protection	yes

Outputs

Electrical design	NPN
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]	60
Short-circuit protection	yes
Type of short-circuit protection	yes (non-latching)
Overload protection	yes

Monitoring range

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

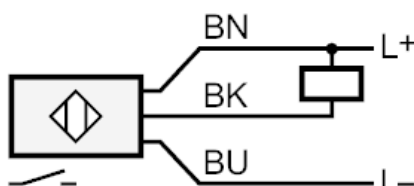
IB5074



Inductive sensor

IB-3020-ANKG/10M

Accuracy / deviations		
Correction factor		steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminum: 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
MTTF	[years]	1076
Mechanical data		
Weight	[g]	0.586
Housing		tubular
Mounting		non-flush mountable
Dimensions	[mm]	Ø 34 / L = 82
Material		PBT
Displays / operating elements		
Display		Switching status1 x LED, yellow
Accessories		
Items supplied		Mounting clamp: 1
Remarks		
Pack quantity		1 pcs.
Electrical connection		
Cable: 10 m, PVC; 3 x 0.5 mm²		
Connection		



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