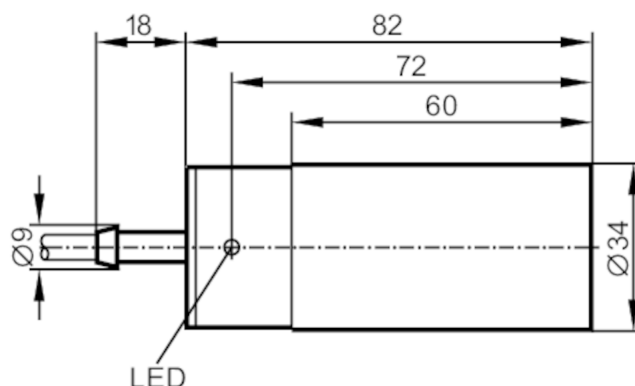




Inductive sensor

IB-4020-CPKG/12m

Article no longer available - archive entry



Product characteristics

Electrical design	PNP
Output function	complementary
Sensing range [mm]	20
Housing	cylindrical
Dimensions [mm]	Ø 34 / L = 82

Electrical data

Operating voltage [V]	10...30 DC
Reverse polarity protection	yes

Outputs

Electrical design	PNP
Output function	complementary
Permanent current rating of switching output DC [mA]	200
Switching frequency DC [Hz]	40
Short-circuit protection	yes
Type of short-circuit protection	pulsed
Overload protection	yes

Detection zone

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

Accuracy / deviations

Correction factor	steel: 1 / stainless steel: 0.7 / brass: 0.54 / aluminium: 0.5 / copper: 0.46
Hysteresis [% of Sr]	1...15
Switch point drift [% of Sr]	-10...10

Operating conditions

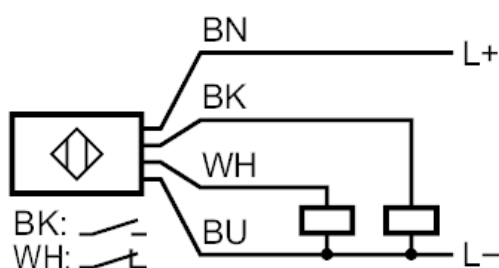
Ambient temperature [°C]	-25...80
Protection	IP 67



Inductive sensor

IB-4020-CPKG/12m

Tests / approvals		
EMC	EN 60947-5-2	
Mechanical data		
Housing	cylindrical	
Mounting	non-flush mountable	
Dimensions	[mm]	Ø 34 / L = 82
Materials	PBT	
Displays / operating elements		
Display	switching status	1 x LED, yellow
Accessories		
Items supplied	Mounting clamps: 1	
Remarks		
Pack quantity	1 pcs.	
Electrical connection		
Cable: 2 m, PVC; 4 x 0.5 mm²		
Connection		



Core colours :
 BK = black
 BN = brown
 BU = blue
 WH = white