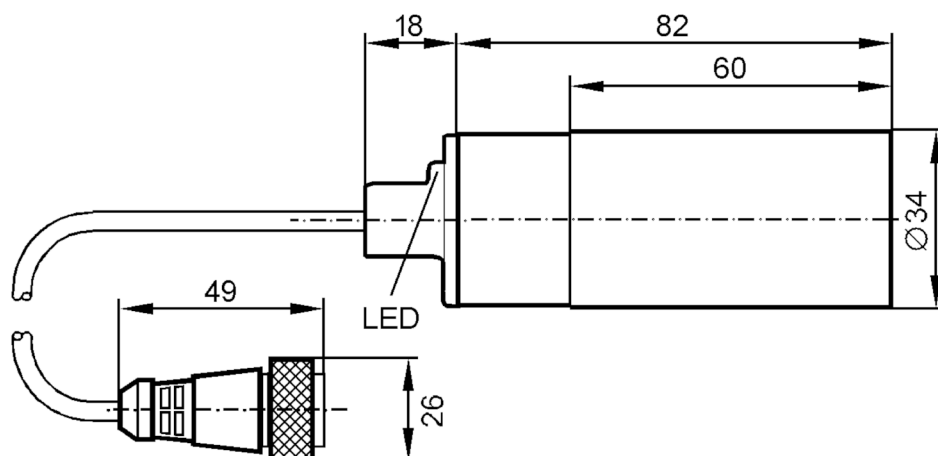


Inductive sensor

IB-2020-ARKG/2M/PVC/WS

Article no longer available - archive entry



Product characteristics

Electrical design		PNP/NPN
Output function		normally open
Sensing range	[mm]	20
Housing		cylindrical
Dimensions	[mm]	Ø 34

Electrical data

Operating voltage	[V]	10...55 DC
Current consumption	[mA]	0.6; (24 V)
Protection class		II
Reverse polarity protection		yes

Outputs

Electrical design		PNP/NPN
Output function		normally open
Max. voltage drop switching output DC	[V]	4.6
Minimum load current	[mA]	4
Max. leakage current	[mA]	0.6
Permanent current rating of switching output DC	[mA]	400
Switching frequency DC	[Hz]	300
Short-circuit protection		yes

IB9215



Inductive sensor

IB-2020-ARKG/2M/PVC/WS

Type of short-circuit protection	pulsed
Overload protection	yes

Detection zone

Sensing range	[mm]	20
Real sensing range S_r	[mm]	$20 \pm 10 \%$
Operating distance	[mm]	0...16.2

Accuracy / deviations

Correction factor	steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.3 / copper: 0.2	
Hysteresis	[X01]	3...15
Switch point drift	[X01]	-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	cylindrical	
Mounting	non-flush mountable	
Dimensions	[mm]	Ø 34
Materials	PBT	

Displays / operating elements

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

Аксессуары

Items supplied	кріпильні хомути: 1	
----------------	---------------------	--

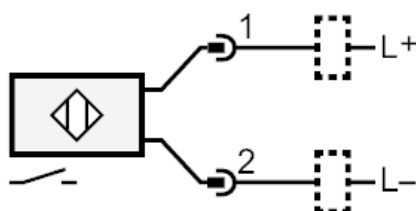
Remarks

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

Electrical connection

Cable: 2 m, PVC

Connection



Connector: 1 x Ø 26 mm