

IA5115



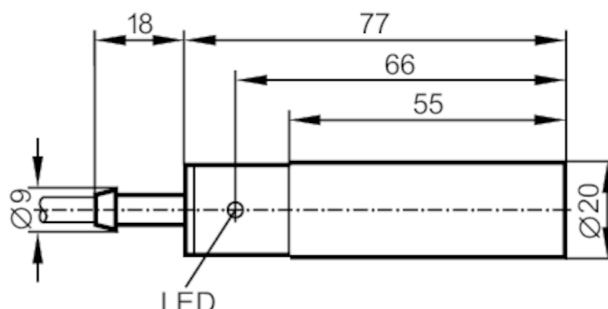
Inductive sensor

IA-3010-BPKG/55V

Article no longer available - archive entry

Alternative articles: IA5132

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



Product characteristics

Electrical design	PNP
Output function	normally open
Sensing range [mm]	10
Housing	cylindrical
Dimensions [mm]	Ø 20 / L = 77

Electrical data

Operating voltage [V]	10...55 DC
Current consumption [mA]	< 5 (24 V) / < 10 (55 V)
Protection class	II
Reverse polarity protection	yes

Outputs

Electrical design	PNP
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]	300
Short-circuit protection	yes
Type of short-circuit protection	pulsed
Overload protection	yes

Detection zone

Sensing range [mm]	10
Real sensing range Sr [mm]	10 ± 10 %
Operating distance [mm]	0...8.1

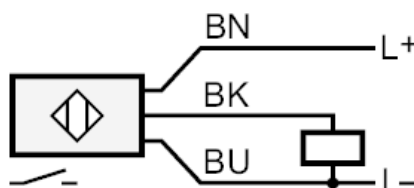
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Accuracy / deviations		
Correction factor	steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.3 / copper: 0.2	
Hysteresis	[X01]	1...15
Switch point drift	[X01]	-10...10
Operating conditions		
Ambient temperature	[°C]	-25...80
Protection	IP 67	
Tests / approvals		
EMC	EN 60947-5-2	
	EN 55011	class B
Mechanical data		
Housing	cylindrical	
Mounting	non-flush mountable	
Dimensions	[mm]	Ø 20 / L = 77
Materials	PBT	
Displays / operating elements		
Display	switching status	1 x LED, yellow
Акcesуари		
Items supplied	кріпильні хомути: 1	
Remarks		
Pack quantity	1 pcs.	
Electrical connection		
Cable: 2 m, PVC; 3 x 0.5 mm²		
Connection		



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