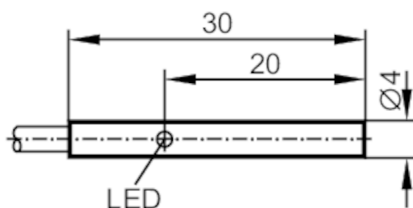




Inductive sensor

IZB20,8-AROG/V2A

Article no longer available - archive entry



Product characteristics

Electrical design	PNP/NPN
Output function	normally open
Sensing range [mm]	0.8
Housing	cylindrical
Dimensions [mm]	Ø 4 / L = 30

Electrical data

Operating voltage [V]	10...36 DC
Reverse polarity protection	no

Outputs

Electrical design	PNP/NPN
Output function	normally open
Max. voltage drop switching output DC [V]	2.5
Max. leakage current [mA]	1
Permanent current rating of switching output DC [mA]	200
Switching frequency DC [Hz]	2000
Short-circuit protection	no
Overload protection	no

Detection zone

Sensing range [mm]	0.8
Real sensing range Sr [mm]	$0.8 \pm 10\%$
Operating distance [mm]	0...0.65

Accuracy / deviations

Correction factor	steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 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 65

Tests / approvals

EMC	EN 60947-5-2	
	EN 55011	class B

IZ5028



Inductive sensor

IZB20,8-AROG/V2A

Mechanical data		
Housing		cylindrical
Mounting		flush mountable
Dimensions	[mm]	Ø 4 / L = 30
Materials		stainless steel (303/1.4305); POM

Displays / operating elements		
Display	switching status	1 x LED, yellow

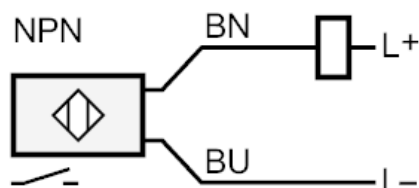
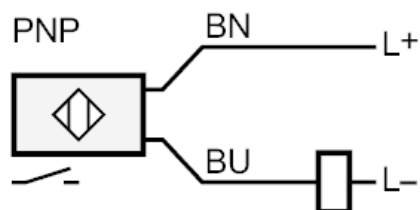
Accessories		
Items supplied		Mounting clamps: 1

Remarks		
Pack quantity		1 pcs.

Electrical connection

Cable: 2 m, PVC; 3 x 0.14 mm²

Connection



BN = Core colours :
brown
BU = blue