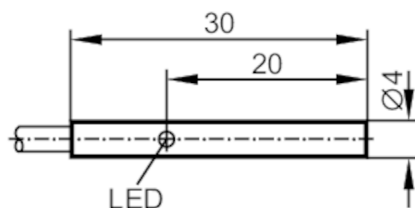




Inductive sensor

IZB20,8-BROG/V2A

Article no longer available - archive entry



Product characteristics

Electrical design	PNP/NPN
Output function	normally closed
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 closed
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

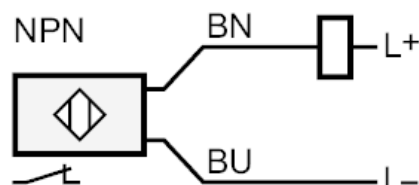
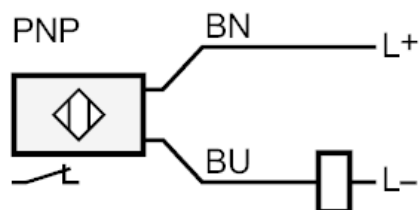
IZ5029



Inductive sensor

IZB20,8-BROG/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