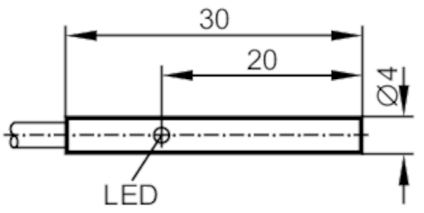
IZ5028

Inductive sensor

IZB20,8-AROG/V2A

Article no longer available - archive entry



CE

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 ± 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

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



Core colours :
BN = brown
BU = blue