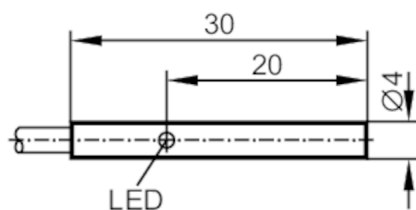




Inductive sensor

IZB30,8-BPKG/V2A/0,3M/AS-610-T



Product characteristics

Electrical design	PNP
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
Current consumption [mA]	15; (24 V)
Protection class	III
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]	100
Switching frequency DC [Hz]	2000
Short-circuit protection	yes
Type of short-circuit protection	pulsed
Overload protection	yes

Detection zone

Sensing range [mm]	0.8
Real sensing range S_r [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 S_r]	1...15
Switch point drift [% of S_r]	-10...10

Operating conditions

Ambient temperature [°C]	-25...70
Protection	IP 65

IZ5044



Inductive sensor

IZB30,8-BPKG/V2A/0,3M/AS-610-T

Tests / approvals

EMC	EN 60947-5-2	
	EN 55011	class B
MTTF	[years]	953

Mechanical data

Weight	[g]	18.7
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

Accessories (supplied)	Mounting clamps: 1
------------------------	--------------------

Remarks

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

Electrical connection - plug

Cable: 0.3 m, PUR

Connector: 1 x M8; Locking: snap-fit



Connection

