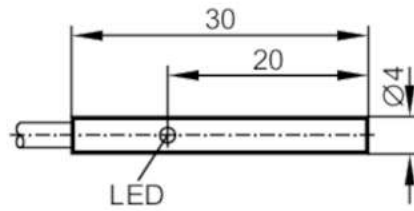


# IZ5026



## Inductive sensor

IZB30,8-BPKG/V2A



### 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 Sr	[mm]	0.8 ± 10 %
Operating distance	[mm]	0...0.65

### Accuracy / deviations

Correction factor		steel: 1 / stainless steel: 0.7 / brass: 0.5 / aluminium: 0.4 / copper: 0.3
Hysteresis	[% of Sr]	1...15
Switch point drift	[% of Sr]	-10...10

### Operating conditions

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

# IZ5026



## Inductive sensor

IZB30,8-BPKG/V2A

Tests / approvals		
EMC		EN 60947-5-2
MTTF	[years]	953
UL approval	Ta	-25...70 °C
	Enclosure type	Type 1
	power supply	Class 2
	File number UL	E174191

Mechanical data		
Weight	[g]	45.6
Housing		cylindrical
Mounting		flush mountable
Dimensions	[mm]	Ø 4 / L = 30
Materials		housing: stainless steel (1.4305 / 303); sensing face: POM

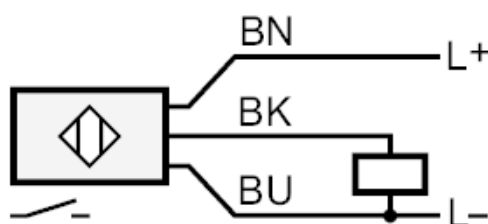
Displays / operating elements		
Display	switching status	1 x LED, yellow

Accessories		
Items supplied		Mounting clamps: 1

Remarks		
Pack quantity		1 pcs.

Electrical connection		
Cable: 2 m, PVC; 3 x 0.14 mm <sup>2</sup>		

### Connection



Core colours :

- BN = brown
- BU = blue
- BK = black