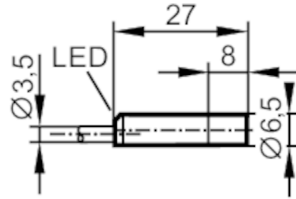


# IT5043



## Inductive sensor

ITB3004-BPKG/V4A/2M



### Electrical data

Operating voltage	[V]	10...30 DC; ("supply class 2" to cULus)
Current consumption	[mA]	< 15
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]	500
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes

### Detection zone

Sensing range	[mm]	4
Real sensing range $S_r$	[mm]	$4 \pm 10\%$
Operating distance	[mm]	0...3.25

### Accuracy / deviations

Correction factor		steel: 1 / stainless steel: 0.7 / brass: 0.5 / aluminium: 0.4 / copper: 0.3
Hysteresis	[% of $S_r$ ]	1...15

### Operating conditions

Ambient temperature	[°C]	0...60
Protection		IP 67

### Tests / approvals

EMC		EN 60947-5-2
MTTF	[years]	3408
UL approval	Ta	0...60 °C
	Enclosure type	Type 1
	voltage supply	Class 2
	File number UL	E174191

# IT5043



## Inductive sensor

ITB3004-BPKG/V4A/2M

Mechanical data	
Weight [g]	45.2
Housing	cylindrical
Mounting	non-flush mountable
Dimensions [mm]	Ø 6.5 / L = 27
Materials	stainless steel; LCP

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

Accessories	
Accessories (supplied)	Mounting clamps: 1

Remarks	
Pack quantity	1 pcs.

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

### Connection

