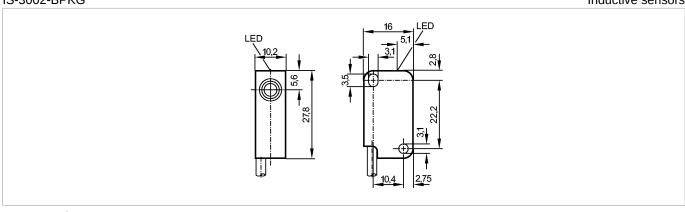
## <u>efec</u>tor100

IS5001



IS-3002-BPKG Inductive sensors



# $C \in C_{LISTED}^{U}US$

Product	charac	teristics
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Floduct characteristics	
Inductive sensor	
Rectangular, plastics	
Cable	
Sensing range 2 mm; [f] flush mountable	

Conomig range 2 min	i, [i] naon moantablo	
Electrical data		

Electrical design		DC PNP
Operating voltage	[V]	1036 DC; "supply class 2" to cULus.
Current consumption	[mA]	15 (24 V)
Protection class		III
Reverse polarity protection		no
Outputs		
Output function		normally open
Voltage drop	[V]	< 1

Output function		normally open
Voltage drop	[V]	<1
Current rating	[mA]	200
Short-circuit protection		no
Overload protection		no
Switching frequency	[Hz]	800
Range		

Sensing range	[mm]	2
Real sensing range (Sr)	[mm]	2 ± 10 %
Operating distance	[mm]	01.6
A / -l		

### Accuracy / deviations

Correction factors		mild steer = 17 stainless steer approx. 0.77 brass approx. 0.47 Ar approx. 0.37 Cu
		approx. 0.2
Hysteresis	[% of Sr]	115
Switch-point drift	[% of Sr]	-1010
Environment		
Ambient temperature	[0C]	25 00

Ambient temperature	[°C]	-2580
Protection		IP 67
Tecte / approvale		

EMC		EN 60947-5-2 EN 55011:	class B	
MTTF	[Years]		3004	

### Mechanical data

Mounting		flush mountable	
Housing materials		PBT	
Tightening torque	[Nm]	< 0.5 (with washer)	
Weight	[kg]	0.043	

Displays / operating elements

### IS5001 - Inductive sensor - eclass: 27270101 / 27-27-01-01

Output status indication	LED	yellow
Electrical connection		
Connection		PVC cable / 2 m; 3 x 0.14 mm <sup>2</sup>
<b>Wiring</b> Core colours BN brown BU blue BK black		BN L+
Remarks		
Pack quantity	[piece]	1

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