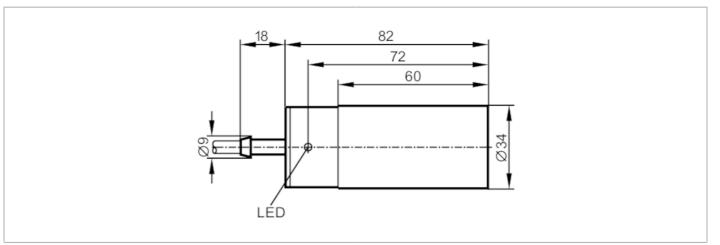
IB5163

Inductive sensor

IB-3027SFPKG RT





CE CA

Product characteristics		
Electrical design		PNP
Output function		normally open / closed; (selectable)
Sensing range	[mm]	27
Housing		tubular
Dimensions	[mm]	Ø 34 / L = 82
Electrical data		
Operating voltage	[V]	1036 DC
Current consumption	[mA]	15; (24 V)
Protection class		II
Reverse polarity protection		yes
Outputs		
Electrical design		PNP
Output function		normally open / closed; (selectable)
Max. voltage drop switching output DC	[V]	3
Permanent current rating of switching output DC	[mA]	250
Short-time current rating of switching output	[mA]	400
Switching frequency DC	[Hz]	20
Short-circuit protection		yes
Type of short-circuit protection		yes (non-latching)
Overload protection		yes
Monitoring range		
Sensing range	[mm]	27
Real sensing range Sr	[mm]	27 ± 10 %
Operating distance	[mm]	021.87
Accuracy / deviations		
Correction factor		steel: 1 / stainless steel: 0.7 / brass: 0.5 / aluminum: 0.4 / copper: 0.3

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IB5163

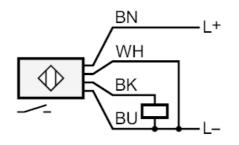
Inductive sensor

IB-3027SFPKG RT



Hysteresis	[% of Sr]		115	
Switch-point drift	[% of Sr]	-1010		
Operating conditions				
Ambient temperature	[°C]		-3050	
Protection			IP 67	
Tests / approvals				
EMC		EN 60947-5-2		
		EN 55011	class B	
MTTF	[years]		1194	
Mechanical data				
Weight	[g]	257.5		
Housing		tubular		
Mounting			non-flush mountable	
Dimensions	[mm]	Ø 34 / L = 82		
Material		PBT		
Displays / operating el	lements			
Display		Switching status 1 x LED, red		
Accessories				
Items supplied		Mounting clamp: 1		
Remarks				
Remarks		Reprogramming allows the	he output of the switch to be monitored in the monitor mode.	
		Note:		
		The switch holds no approval as a fail-safe switch.		
Pack quantity		1 pcs.		
Electrical connection				
Cable: 2 m, PVC; 4 x 0.3	34 mm²			

Connection



	BN	+
	_ / WH	
\bigcirc	¥/	
	<u>Бурк</u>	
	<u>∖</u> BU	

	Core colors :	
BK =	black	
BN =	brown	
BU =	blue	
WH =	white	