

IE5187

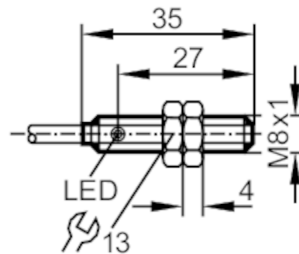


Inductive sensor

IEC3002-BPOG/PPU

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Electrical data		
Operating voltage [V]		10...36 DC
Current consumption [mA]		15; (24 V)
Protection class		II
Reverse polarity protection		no
Outputs		
Electrical design		PNP
Output function		normally open
Max. voltage drop switching output DC [V]		1
Permanent current rating of switching output DC [mA]		200
Switching frequency DC [Hz]		800
Short-circuit protection		no
Overload protection		no
Detection zone		
Sensing range [mm]		2
Real sensing range Sr [mm]		2 ± 10 %
Operating distance [mm]		0...1.62
Accuracy / deviations		
Correction factor		steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.4 / copper: 0.3
Hysteresis [% of Sr]		1...15
Switch point drift [% of Sr]		-10...10
Operating conditions		
Ambient temperature [°C]		-25...80
Protection		IP 67
Mechanical data		
Housing		threaded type
Mounting		non-flush mountable
Dimensions [mm]		M8 x 1 / L = 35
Thread designation		M8 x 1
Materials		PBT

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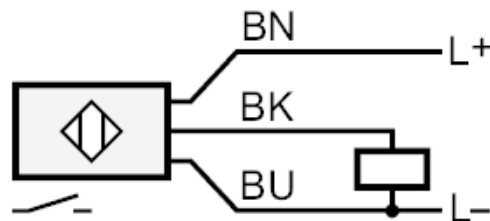
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Displays / operating elements		
Display	switching status	1 x LED, yellow
Accessories		
Accessories (supplied)	lock nuts: 2	
Remarks		
Pack quantity	1 pcs.	

Electrical connection

Cable: 2 m, PUR / PVC; 3 x 0.14 mm²

Connection



Core colours :

BN = brown
BU = blue
BK = black

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