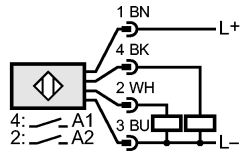


**Product characteristics**

Inductive sensor	
Rectangular, plastics	
Quick disconnect	
Sensing range 4 mm; [nf] non-flush mountable	
<b>Electrical data</b>	
Electrical design	DC PNP
Operating voltage [V]	10...36 DC
Current consumption [mA]	15 (24 V)
Protection class	II
Reverse polarity protection	yes
<b>Outputs</b>	
Output function	2 x normally open
Voltage drop [V]	< 2.5
Current rating [mA]	250
Short-circuit protection	yes (non-latching)
Overload protection	yes
Switching frequency [Hz]	1300
<b>Monitoring range</b>	
Sensing range [mm]	4
Real sensing range (Sr) [mm]	4 ± 10 %
Operating distance [mm]	0...3.25
<b>Accuracy / deviations</b>	
Correction factors	mild steel = 1 / stainless steel approx. 0.7 / brass approx. 0.4 / aluminium approx. 0.3 / copper approx. 0.2
Hysteresis [% of Sr]	1...15
Switch-point drift [% of Sr]	-10...10
<b>Environment</b>	
Ambient temperature [°C]	-20...80
Protection	IP 67
<b>Tests / approvals</b>	
EMC	EN 60947-5-2 EN 55011: class B
MTTF [Years]	1057
<b>Mechanical data</b>	
Mounting	non-flush mountable
Housing materials	PBT; PC (polycarbonate)
Weight [kg]	0.053
<b>Displays / operating elements</b>	
Output status indication LED	2 x yellow
<b>Electrical connection</b>	
Connection	M18 connector

**Wiring**

IN5285 - Inductive sensor - eclass: 27270101 / 27-27-01-01



Remarks

Pack quantity [piece] 1