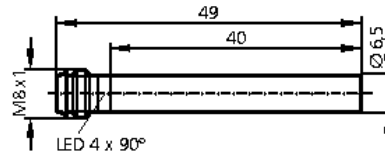


**IT5021**

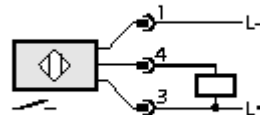
ITB3001-BPKG/AS  
Metal housing Ø 6.5 mm  
Quick disconnect

Sensing range 1mm [f]  
flush mountable



<b>Electrical design</b>	<b>DC PNP</b>
<b>Output</b>	<b>normally open</b>
Operating voltage [V]	10...36 DC
Current rating [mA]	250
Short-circuit protection	Yes (non-latching)
Reverse polarity protection	yes
overload protection	yes
Voltage drop [V]	< 1.6
Current consumption [mA]	< 15 (24 V)
Real sensing range [mm]	1 ± 10 %
Operating distance [mm]	0...0.8
Switch-point drift [% / Sr]	-10...10
Hysteresis [% / Sr]	1...15
Switching frequency [Hz]	2000
Correction factors	mild steel = 1 / stainless steel approx. 0.7 / brass approx. 0.4 / Al approx. 0.3 / Cu approx. 0.2
Operating temperature [°C]	-25...80
Protection	IP 65
EMC	EN 60947-5-2; EN 55011 class B
Housing material	housing: brass Optalloy-plated; active face: PBT
Function display Switching status LED	red (4 x 90°)
Connection	M8 connector

Wiring



Accessories (included)

Mounting clamp