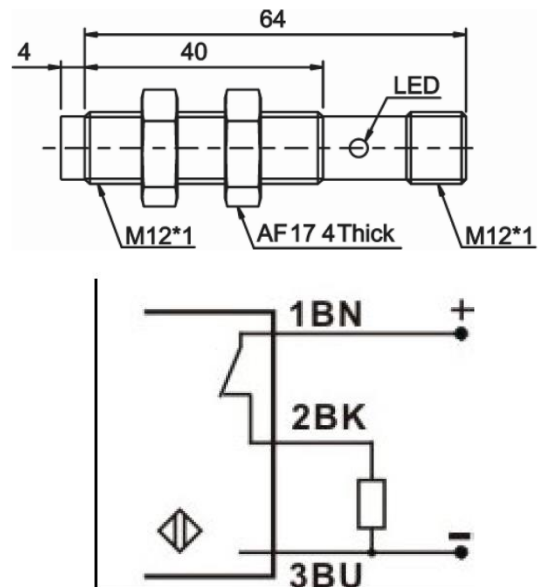


Inductive proximity sensor

- M12 nickel-copper alloy
- M12 connector
- PNP / normally closed

Item code	IPC-004-BNN / 3	Circuit protection	surge, overload, short circuit and reverse polarity protection
Sensing distance	4 mm	Indicator	yellow LED
Mounting	non-flush	Ambient temperature	-25 ... 70 °C
Output	PNP NC	Ambient moisture	35 ... 95 % RH
Supply voltage	10 ... 30 VDC	Switch frequency	1000 Hz
Standard target	Fe 12*12*1t	Voltage resistant	1000 V / AC 50 / 60 Hz 60 s
Switch shifts	$\leq \pm 10 \%$	Insulation resistant	$\geq 50 \text{ M}\Omega$ (500 VDC)
Hysteresis	1 ... 20 %	Vibration withstand	repeated amplitude 1.5 mm 10 ... 50 Hz (2 hours each for X, Y, Z direction)
Repeated error	$\leq 3 \%$	Protection	IP 67
Load current	$\leq 200 \text{ mA}$	Housing material	nickel-copper alloy
Residual	$\leq 2.5 \text{ VDC}$	Connection	M12 connector
Current consumption	$\leq 15 \text{ mA}$		



BN:+ BK: out BU: -