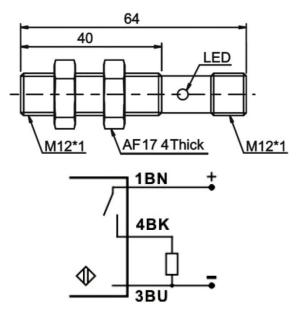
## Inductive proximity sensor



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

Item code	IPO-002-BNF / 3	Circuit protection	surge, overload, short circuit and reverse polarity protection
Sensing distance	2 mm	Indicator	yellow LED
Mounting	flush	Ambient temperature	-25 70 °C
Output	PNP NO	Ambient moisture	35 95 % RH
Supply voltage	10 30 VDC	Switch frequency	1500 Hz
Standard target	Fe 12*12*1t	Voltage resistant	1000 V / AC 50 / 60 Hz 60 s
Switch shifts	≤ ± 10 %	Insulation resistant	≥ 50 MΩ (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	≤ 3 %	Protection	IP 67
Load current	≤ 200 mA	Housing material	nickel-copper alloy
Residual	≤ 2.5 VDC	Connection	M12 connector
Current consumption	≤ 15 mA		





BN:+ BK: out BU: -

General Note This datasheet does not give any information on product availability. The information given is just meant to describe the product and is not to be considered as guaranteed characteristics in the legal sense. All products are subject to design changes in the interest of further technical development. Page 1 / 1 Copyright: KYOCERA AVX Components (Werne) GmbH (GER) www.kyocera-avx.com