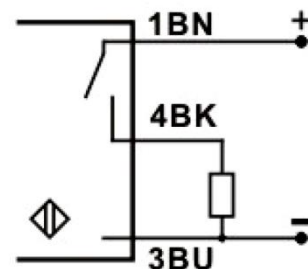
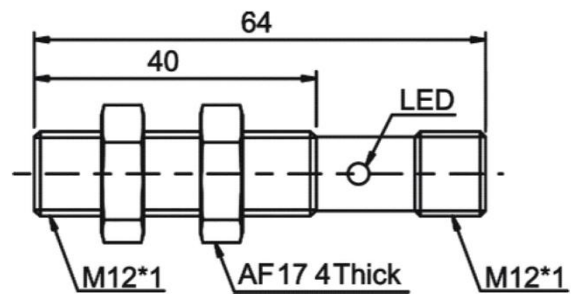


Inductive proximity sensor

- 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 | $\leq \pm 10 \%$ | 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: -