

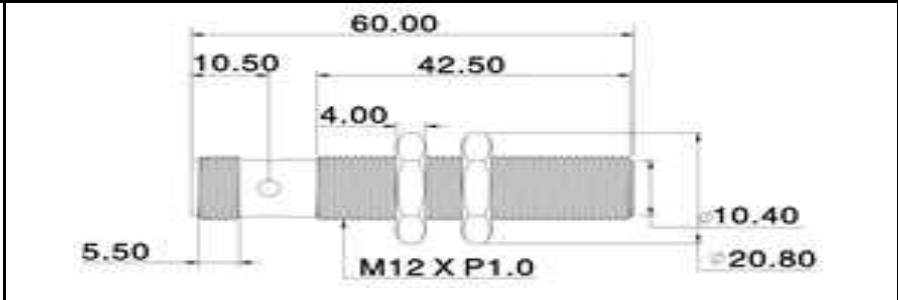
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|----------------------------|
| IB1122 |
| Inductive proximity sensor |
| Metal thread M12 x 1.0 |
| M12 Socket |
| Size 60mm |
| Gold-plated contact |
| Sensing range 4mm[f] |
| Flush |



CE RoHS

| | |
|-----------------------------|--|
| Electric design | DC 2 Wire |
| Output | NC |
| Operating voltage [V] | 10...36 DC |
| Current loading [mA] | 100 |
| Short-circuit protection | Yes |
| Reverse polarity protection | Yes |
| Overload protection | Yes |
| Voltage drop [V] | <4 |
| Consumed current[mA] | <0.6 |
| Real sensing range [mm] | 4±10% |
| Operating range [mm] | 0...3.2 |
| Switch-point drift [%/Sr] | -10...10 |
| Hysteresis [%/Sr] | 3...20 |
| Switching frequency [Hz] | 700 |
| Adjustment factors | Low carbon steel=1 /Stainless steel approx 0.7 /Brass approx 0.5 / Alumium approx 0.4 / Copper approx 0.3 |
| Operating temperature [°C] | -25...75 |
| Ambient humidity | 35...95 |
| Protection classification | IP67 |

Dimension



| | |
|-----------------------------|-------------------------------------|
| Housing material | Stainless steel , Sensing face: PBT |
| Switching state display LED | Red (90°)(90°) |
| Connection | M12 Socket |
| Wiring | |
| Core color | |
| BN + | |
| BU - | |
| BK Signal Line | |

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|---------------------|----------------|
| Accessory(Included) | Two fixed nuts |
|---------------------|----------------|