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SENSOR

Inductive Proximity Sensor - PNP/NPN

| Type | DC 3 Wire Proximity Sensor NPN/PNP | | | | | |
|-----------------------------------|-----------------------------------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Dimension | M8 | M12 | M18 | M30 | M50 | M80 |
| | Connector /Direct Cable | Connector /Direct Cable | Connector /Direct Cable | Connector /Direct Cable | Connector /Direct Cable | Connector /Direct Cable |
| | Flush / Non Flush | Flush / Non Flush | Flush / Non Flush | Flush / Non Flush | Flush / Non Flush | Flush |
| Sensing Distance (mm) | 1.5 / 2 | 2 / 4 | 5/8 | 10/15 | 20/30 | 45 |
| Hysteresis | +/- 10% of Detecting Distance | | | | | |
| Logic | NPN /PNP | | | | | |
| Operating Voltage | 10-30VDC | | | | | |
| I Max | 250mA | | | | | |
| Contact | NO or NC or NO + NC | | | | | |
| Response Frequency | 1KHz | 800Hz | 400Hz | 300Hz | 50Hz | 25Hz |
| Current Consumption | Max.15mA | | | | | |
| Leakage Current | < 0.7mA | | | | < 0.9mA | |
| Voltage Drop | < 2 V DC | | | | | |
| Protection CKT | Reverse Polarity Protection / Short CKT Protection | | | | | |
| Cable Length / Wiring Connections | Cable: 3mtrs (Brown :+Ve, Blue :-Ve ,Black: Output) | | | | | |
| Indicators | Operation Indicators (RED OR GREEN LED) | | | | | |
| Ambient Temperature | -10 to 70Deg. C | | | | | |
| Storage Temperature | -20 to 80Deg. C | | | | | |
| Environmental Protection | IP 54 / IP 65 / IP 67 (Normally IP 54) | | | | | |
| Weight | Approx : 50g | Approx:80g | Approx:110g | Approx:205g | Approx:460g | Approx:530g |
| Materials | Case & Two fixing Nuts : Stainless Steel or Nickel Plated Brass | | | | | |



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SENSOR

SENSOR DIMENSIONS

