



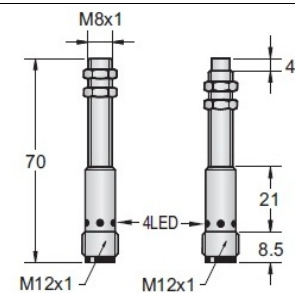
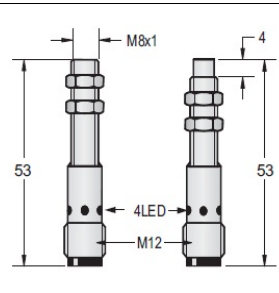


DC INDUCTIVE PROXIMITY SWITCH(M8)

| Diameter | M8 | | | M8 | | | | |
|---|---|---|------------------|---|------------------|---|------------------|----|
| Shielded/non-Shielded | Shielded/ Non-Shielded | | | Shielded/ Non-Shielded | | | | |
| Switching Distance Sn mm | 3mm /6mm | | | 3mm / 6mm | | | | |
| Housing Material | stainless steel or nickel plated brass | | | stainless steel or nickel plated brass | | | | |
| With LED/Without LED | With LED | | | With LED | | | | |
| Picture |  | | |  | | | | |
| Operating Voltage | 10-30VDC | | | 10-30VDC | | | | |
| Ripple | <10% | | | <10% | | | | |
| No Load Current | <10mA | | | <10mA | | | | |
| Max. Load Current | 200mA | | | 200mA | | | | |
| Leakge Current | <0.01mA | | | <0.01mA | | | | |
| Voltage Drop | <1.5V | | | <1.5V | | | | |
| Switching Frequency | 1KHz / 500Hz | | | 1KHz / 500Hz | | | | |
| Response Time | 0.2ms/0.2ms 0.5ms/0.5ms | | | 0.2ms/0.2ms 0.5ms/0.5ms | | | | |
| Switching Hysteresis | <15%(Sr) | | | <15%(Sr) | | | | |
| Repeat Accuracy | <1.0%(Sr) | | | <1.0%(Sr) | | | | |
| Protection Category | IP67 | | | IP67 | | | | |
| Operating Temperature | -25 °C - +70 °C | | | -25 °C - +70 °C | | | | |
| Temperature Drift | <10%(Sr) | | | <10%(Sr) | | | | |
| Short Circuit Protection | YES | | | YES | | | | |
| Overload Trip Point | 220MA | | | 220MA | | | | |
| Material Active Face | POM | | | POM | | | | |
| DC 3 wire 10-30V NPN N.O. | D1S1-M0803N-OEA4 | ∣ | D1S2-M0806N-OEA4 | 31 | D1S1-M0803N-OES4 | ∣ | D1S2-M0806N-OES4 | 31 |
| DC 3 wire 10-30V NPN N.C. | D1S1-M0803N-CEA4 | ∣ | D1S2-M0806N-CEA4 | 32 | D1S1-M0803N-CES4 | ∣ | D1S2-M0806N-CES4 | 32 |
| DC 3 wire 10-30V PNP N.O. | D1S1-M0803P-OEA4 | ∣ | D1S2-M0806P-OEA4 | 33 | D1S1-M0803P-OES4 | ∣ | D1S2-M0806P-OES4 | 33 |
| DC 3 wire 10-30V PNP N.C. | D1S1-M0803P-CEA4 | ∣ | D1S2-M0806P-CEA4 | 34 | D1S1-M0803P-CES4 | ∣ | D1S2-M0806P-CES4 | 34 |
| DC 4 wire 10-30V Changeover PNP (N.O. & N.C.) | - | | | - | | | | |
| DC 4 wire 10-30V Changeover NPN (N.O. & N.C.) | - | | | - | | | | |
| DC 2 wire 10-60V N.O. | - | | | - | | | | |
| DC 2 wire 10-60V N.C. | - | | | - | | | | |
| DC 3 wire 10-55V NPN N.O. | - | | | - | | | | |
| DC 3 wire 10-55V NPN N.C. | - | | | - | | | | |
| DC 3 wire 10-55V PNP N.O. | - | | | - | | | | |
| DC 3 wire 10-55V PNP N.C. | - | | | - | | | | |
| DC 3 wire 5-36V PNP N.C. | - | | | - | | | | |
| DC 3 wire 5-36V PNP N.O. | - | | | - | | | | |
| DC 3 wire 5-36V NPN N.C. | - | | | - | | | | |
| DC 3 wire 5-36V NPN N.O. | - | | | - | | | | |
| DC 4 wire 5-36V Changeover PNP (N.O & N.C.) | - | | | - | | | | |
| DC 4 wire 5-36V Changeover NPN (N.O & N.C.) | - | | | - | | | | |
| Wiring diagram number |  | | |  | | | | |
| Dimensions (unit: mm) |  | | |  | | | | |
| Cable 2M (PVC) | M12 connector | | | M12 connector | | | | |
| Weight | approx.25 g | | | approx.17g | | | | |

Subject to modifications without notice

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