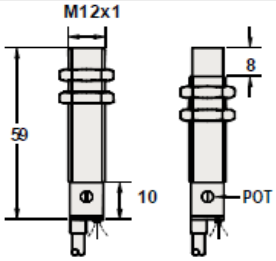
## DC CAPACITIVE PROXIMITY SWITCH (M12)

| | | | | | |
|---|---|---|---|---|---|
| Diameter | | M12 | M12 | | |
| Flushed/Unflushed | | Flushed | Unflushed | | |
| Switching Distance Sn mm | | 1-3mm adjustable | 1-6mm adjustable | | |
| Housing Material | | PBT RESIN | | | |
| With LED/Without LED | | With LED | | | |
| Picture | | | | | |
| Operating Voltage | | 10-30VDC | | | |
| Ripple | | <10% | | | |
| No Load Current | | <10mA | | | |
| Max. Load Current | | 200mA | | | |
| Leakge Current | | <0.01mA | | | |
| Voltage Drop | | <2.0V | | | |
| Switching Frequency | | 100HZ | | | |
| Response Time | | 1.5ms/1.5ms | | | |
| Switching Hysteresis | | <15%(Sr) | | | |
| Repeat Accuracy | | <5%(Sr) | | | |
| Protection Category | | IP67 | | | |
| Operating Temperature | | -25 ℃ - +70 C | | | |
| Temperature Drift | | <10%(Sr) | | | |
| Short Circuit Protection | | YES | | | |
| Overload Trip Point | | 220mA | | | |
| Material Active Face | | POM | | | |
| DC 3 wire 10-30V NPN N.O. | | CPU1203-N | CPU1206-N | wiring diagram | 1 |
| DC 3 wire 10-30V NPN N.C. | | CPU1203-N2 | CPU1206-N2 | | 2 |
| DC 3 wire 10-30V PNP N.O. | | CPU1203-P | CPU1206-P | | 3 |
| DC 3 wire 10-30V PNP N.C. | | CPU1203-P2 | CPU1206-P2 | | 4 |
| 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.) | | - | - | | |
| Dimensions (unit: mm) | |   | | | |
| Connection | | Cable 2M (PVC) 4φ 3x0.15 | | | |
| Weight | | Approx.60 g | | | |