

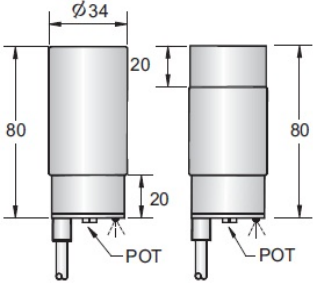
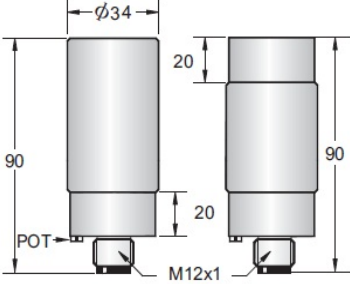


DC CAPACITIVE PROXIMITY SWITCH(φ34)

| Diameter | φ34 | | | φ34 | | | | |
|---|---|---|------------------|---|------------------|---|------------------|----|
| Shielded/non-Shielded | Shielded/ Non-Shielded | | | Shielded/ Non-Shielded | | | | |
| Switching Distance Sn mm | 2-25mm adjustable / 2-35mm adjustable | | | 2-25mm adjustable / 2-35mm adjustable | | | | |
| Housing Material | PBT RESIN | | | PBT RESIN | | | | |
| 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 | < 2VDC | | | < 2VDC | | | | |
| Switching Frequency | 100HZ | | | 100HZ | | | | |
| Switching Hysteresis | <15%(sr) | | | <15%(sr) | | | | |
| Repeat Accuracy | <5%(sr) | | | <5%(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 | 350mA | | | 350mA | | | | |
| Material Active Face | PBT | | | PBT | | | | |
| DC 3 wire 10-30V NPN N.O. | C1P1-φ3425N-O3A2 | ∣ | C1P2-φ3435N-O3A2 | 1 | C1P1-φ3425N-OEA4 | ∣ | C1P2-φ3435N-OEA4 | 31 |
| DC 3 wire 10-30V NPN N.C. | C1P1-φ3425N-C3A2 | ∣ | C1P2-φ3435N-C3A2 | 2 | C1P1-φ3425N-CEA4 | ∣ | C1P2-φ3435N-CEA4 | 32 |
| DC 3 wire 10-30V PNP N.O. | C1P1-φ3425P-O3A2 | ∣ | C1P2-φ3435P-O3A2 | 3 | C1P1-φ3425P-OEA4 | ∣ | C1P2-φ3435P-OEA4 | 33 |
| DC 3 wire 10-30V PNP N.C. | C1P1-φ3425P-C3A2 | ∣ | C1P2-φ3435P-C3A2 | 4 | C1P1-φ3425P-CEA4 | ∣ | C1P2-φ3435P-CEA4 | 34 |
| DC 4 wire 10-30V Changeover PNP (N.O. & N.C.) | C1P1-φ3425P-S4A2 | ∣ | C1P2-φ3435P-S4A2 | 6 | C1P1-φ3425P-SEA4 | ∣ | C1P2-φ3435P-SEA4 | 36 |
| DC 4 wire 10-30V Changeover NPN (N.O. & N.C.) | C1P1-φ3425N-S4A2 | ∣ | C1P2-φ3435N-S4A2 | 5 | C1P1-φ3425N-SEA4 | ∣ | C1P2-φ3435N-SEA4 | 35 |
| 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) | 5.8φ3x0.5(5.8φ4x0.5) | | | - | | | | |
| Weight | approx. 248g / approx.251g | | | approx. 162g | | | | |

Subject to modifications without notice

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