



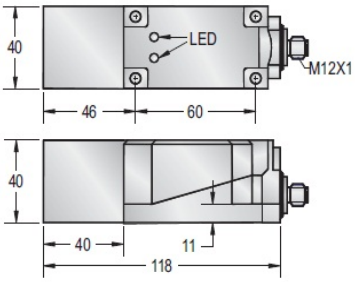
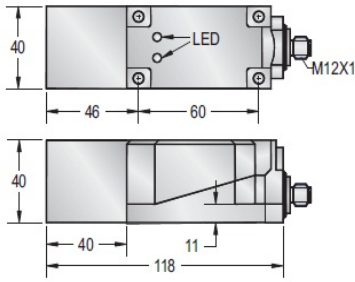


# DC CAPACITIVE PROXIMITY SWITCH 5 WAY ROTATABLE SENSING HEAD(Q40)

| Diameter                                      | Q40  |    | Q40  |    |
|---|--|----|--|----|
| Shielded/non-Shielded                         | Shielded   |    | Non-shielded   |    |
| Switching Distance Sn mm                      | 2-15mm   |    | 2-20mm   |    |
| Housing Material                              | PBT RESIN  |    | PBT RESIN  |    |
| With LED/Without LED                          | With LED   |    | With LED   |    |
| Picture                                       | <br> |    | <br> |    |
| 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                                  | < 2V   |    | < 2V   |    |
| 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                           | 220MA  |    | 220MA  |    |
| Material Active Face                          | PBT  |    | PBT  |    |
| DC 3 wire 10-30V NPN N.O.                     | C1P1-Q4015N-OEA4   | 31 | C1P2-Q4020N-OEA4   | 31 |
| DC 3 wire 10-30V NPN N.C.                     | C1P1-Q4015N-CEA4   | 32 | C1P2-Q4020N-CEA4   | 32 |
| DC 3 wire 10-30V PNP N.O.                     | C1P1-Q4015P-OEA4   | 33 | C1P2-Q4020P-OEA4   | 33 |
| DC 3 wire 10-30V PNP N.C.                     | C1P1-Q4015P-CEA4   | 34 | C1P2-Q4020P-CEA4   | 34 |
| DC 4 wire 10-30V Changeover PNP (N.O. & N.C.) | C1P1-Q4015P-SEA4   | 36 | C1P2-Q4020P-SEA4   | 36 |
| DC 4 wire 10-30V Changeover NPN (N.O. & N.C.) | C1P1-Q4015N-SEA4   | 35 | C1P2-Q4020N-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)                                | -  |    | -  |    |
| Weight  | approx.290g  |    | approx.290g  |    |

Subject to modifications without notice

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