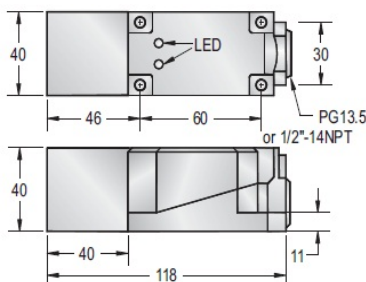
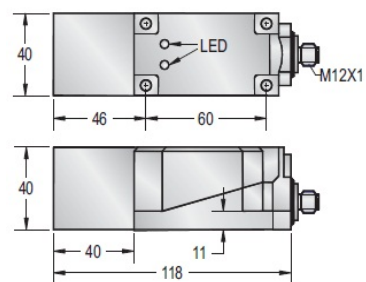


# ACDC INDUCTIVE PROXIMITY SWITCH(Q40)

| Diameter                                      | Q40                                                                                 |    | Q40                                                                                   |    |
|-----------------------------------------------|-------------------------------------------------------------------------------------|----|---------------------------------------------------------------------------------------|----|
| Shielded/non-Shielded                         | Non-Shielded                                                                        |    | Shielded                                                                              |    |
| Switching Distance Sn mm                      | 30mm                                                                                |    | 15mm                                                                                  |    |
| Housing Material                              | PBT RESIN                                                                           |    | PBT RESIN                                                                             |    |
| With LED/Without LED                          | With LED                                                                            |    | With LED                                                                              |    |
| Picture                                       |    |    |    |    |
| Operating Voltage                             | 20-250VAC/20-250VDC                                                                 |    | 20-250VAC/20-250VDC                                                                   |    |
| No Load Current                               | <2.5mA                                                                              |    | <2.5mA                                                                                |    |
| Max. Load Current                             | 200mA                                                                               |    | 200mA                                                                                 |    |
| Leakge Current                                | <2.5mA                                                                              |    | <2.5mA                                                                                |    |
| Surge Current                                 | 2.2A for 20ms                                                                       |    | 2.2A for 20ms                                                                         |    |
| Min. Load Current                             | 5mA                                                                                 |    | 5mA                                                                                   |    |
| Voltage Drop                                  | <10VAC;8VDC                                                                         |    | <10VAC;8VDC                                                                           |    |
| Switching Frequency                           | 25HZ AC;40HZ DC                                                                     |    | 25HZ AC;40HZ DC                                                                       |    |
| Response Time                                 | 10ms / 10ms                                                                         |    | 10ms / 10ms                                                                           |    |
| 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                                                                                   |    |
| Material Active Face                          | PBT                                                                                 |    | PBT                                                                                   |    |
| DC 3 wire 10-30V NPN N.O.                     | -                                                                                   |    | -                                                                                     |    |
| DC 3 wire 10-30V NPN N.C.                     | -                                                                                   |    | -                                                                                     |    |
| DC 3 wire 10-30V PNP N.O.                     | -                                                                                   |    | -                                                                                     |    |
| DC 3 wire 10-30V PNP N.C.                     | -                                                                                   |    | -                                                                                     |    |
| 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.                     | -                                                                                   |    | -                                                                                     |    |
| AC 2 wire 20-250V N.O.                        | -                                                                                   |    | -                                                                                     |    |
| AC 2 wire 20-250V N.C.                        | -                                                                                   |    | -                                                                                     |    |
| AC 2 wire 20-250V N.O. or N.C. Changeable .   | -                                                                                   |    | -                                                                                     |    |
| AC/DC 2 wire 20-250V N.O.                     | D8P2-Q4030U-O2A                                                                     | 9  | D8P1-Q4015U-OEA4                                                                      | 54 |
| AC/DC 2 wire 20-250V N.C.                     | D8P2-Q4030U-C2A                                                                     | 10 | D8P1-Q4015U-CEA4                                                                      | 54 |
| AC/DC 2 wire 20-250V N.O. or N.C. Changeable  | D8P2-Q4030U-A2A                                                                     | 22 | -                                                                                     |    |
| Wiring diagram number                         |  |    |  |    |
| Dimensions (unit: mm)                         |  |    |  |    |
| Cable 2M (PVC)                                |                                                                                     |    |                                                                                       |    |
| Weight                                        | approx.262g                                                                         |    | approx.290g                                                                           |    |

Subject to modifications without notice

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