



DC INDUCTIVE PROXIMITY SWITCH (Q16C)

| Diameter | Q16x28x10 | | Q16x28x10 | |
|---|--|-------------------------|--|---|
| Shielded/non-Shielded | Shielded/ Non-Shielded | | Shielded/ Non-Shielded | |
| Switching Distance Sn mm | 3mm / 6mm | | 1mm / 2mm | |
| Housing Material | PBT RESIN | | PBT RESIN | |
| With LED/Without LED | With LED | | With LED | |
| Picture |  <div style="text-align: center; font-size: 2em;">CE</div> | |  <div style="text-align: center; font-size: 2em;">CE</div> | |
| | Operating Voltage | | 10-30VDC | |
| Ripple | | <10% | | |
| No Load Current | | <10mA | | |
| Max. Load Current | | 200mA | | |
| Leakge Current | | <0.01mA | | |
| Voltage Drop | | < 2.0V | | |
| Switching Frequency | | 1KHZ / 500HZ | | |
| Response Time | | 0.2ms/0.2ms 0.5ms/0.5ms | | |
| Switching Hysteresis | | <15%(Sr) | | |
| Repeat Accuracy | | <1.0%(Sr) | | |
| Protection Category | | IP67 | | |
| Operating Temperature | | -25 °C - +70 °C | | |
| Temperature Drift | | <10%(Sr) | | |
| Short Circuit Protection | | YES | | |
| Overload Trip Point | | 220MA | | |
| Material Active Face | | - | | |
| DC 3 wire 10-30V NPN N.O. | D1P1-Q2803N-O3A2X ; D1P2-Q2806N-O3A2X | 1 | D1P1-Q2801N-O3A2 ; D1P2-Q2802N-O3A2 | 1 |
| DC 3 wire 10-30V NPN N.C. | D1P1-Q2803N-C3A2X ; D1P2-Q2806N-C3A2X | 2 | D1P1-Q2801N-C3A2 ; D1P2-Q2802N-C3A2 | 2 |
| DC 3 wire 10-30V PNP N.O. | D1P1-Q2803P-O3A2X ; D1P2-Q2806P-O3A2X | 3 | D1P1-Q2801P-O3A2 ; D1P2-Q2802P-O3A2 | 3 |
| DC 3 wire 10-30V PNP N.C. | D1P1-Q2803P-C3A2X ; D1P2-Q2806P-C3A2X | 4 | D1P1-Q2801P-C3A2 ; D1P2-Q2802P-C3A2 | 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.) | - | | - | |
| Wiring diagram number | ↑ | | ↑ | |
| Dimensions (unit: mm) | | | | |
| Cable 2M (PVC) | 3φ3x0.15 | | 3φ3x0.15 | |
| Weight | approx.55 g | | approx.55 g | |

Subject to modifications without notice

Tel: +86-755-2646 7962

Fax: +86-755-2646 7925

MSN: dfan852@hotmail.com

Web: www.mountiger.com

E-mail: sales@mountiger.com

QQ: 873764592


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