

DC INDUCTIVE PROXIMITY SWITCH(Q8)

| Diameter | Q8 | | Q8 | |
|---|---------------------|---|---------------------|---|
| Shielded/non-Shielded | Shielded | | Shielded | |
| Switching Distance Sn mm | 2mm | | 2mm | |
| Housing Material | Nickel Plated brass | | Nickel Plated brass | |
| With LED/Without LED | With LED | | With LED | |
| Picture | | | | |
| | CE | | CE | |
| 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 | <1.5V | | <1.5V | |
| Switching Frequency | 2KHZ | | 2KHZ | |
| Response Time | 0.1ms/0.1ms | | 0.1ms/0.1ms | |
| 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 | |
| Overload Trip Point | 220MA | | 220MA | |
| Material Active Face | POM | | POM | |
| DC 3 wire 10-30V NPN N.O. | D1B1-Q8802N-O3A2 | 1 | D1B1-Q8802N-O3S2 | 1 |
| DC 3 wire 10-30V NPN N.C. | D1B1-Q8802N-C3A2 | 2 | D1B1-Q8802N-C3S2 | 2 |
| DC 3 wire 10-30V PNP N.O. | D1B1-Q8802P-O3A2 | 3 | D1B1-Q8802P-O3S2 | 3 |
| DC 3 wire 10-30V PNP N.C. | D1B1-Q8802P-C3A2 | 4 | D1B1-Q8802P-C3S2 | 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) | 3xφ3x0.15 | | 3xφ3x0.15 | |
| Weight | approx.38 g | | approx.38 g | |

Subject to modifications without notice

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