

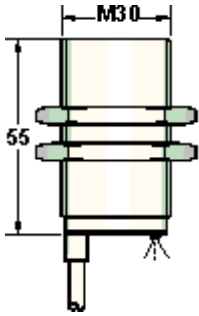
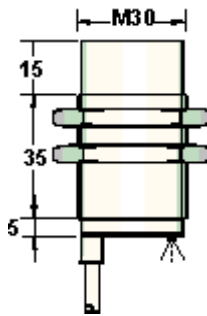


DC METAL FACE INDUCTIVE PROXIMITY SWITCH (M30)

| Diameter | M30 | | M30 | |
|---|---|---|---|---|
| Shielded/non-Shielded | Shielded | | Non-Shielded | |
| Switching Distance Sn mm | 10 mm | | 15 mm | |
| Housing Material | Stainless Steel | | Stainless Steel | |
| With LED/Without LED | With LED | | With LED | |
| Picture |  CE | |  CE | |
| Operating Voltage | 10-30VDC/10-55VDC/10-60VDC | | 10-30VDC/10-55VDC/10-60VDC | |
| 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 | 300HZ | | 150HZ | |
| Response Time | 0.5ms/0.5ms | | 1ms/1ms | |
| Switching Hysteresis | <15%(sr) | | <15%(sr) | |
| Repeat Accuracy | <1.0%(sr) | | <1.0%(sr) | |
| Protection Category | IP67 | | IP67 | |
| Operating Temperature | -25 °C - +75 °C | | -25 °C - +75 °C | |
| Temperature Drift | <10%(sr) | | <10%(sr) | |
| Short Circuit Protection | YES | | YES | |
| Overload Trip Point | 220mA | | 220mA | |
| Material Active Face | Stainless steel | | Stainless steel | |
| DC 3 wire 10-30V NPN N.O. | M1S1-M3010N-O3A2 | 1 | M1S2-M3015N-O3A2 | 1 |
| DC 3 wire 10-30V NPN N.C. | M1S1-M3010N-C3A2 | 2 | M1S2-M3015N-C3A2 | 2 |
| DC 3 wire 10-30V PNP N.O. | M1S1-M3010P-O3A2 | 3 | M1S2-M3015P-O3A2 | 3 |
| DC 3 wire 10-30V PNP N.C. | M1S1-M3010P-C3A2 | 4 | M1S2-M3015P-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. | M4S1-M3010C-O2A2 | 7 | M4S2-M3015C-O2A2 | 7 |
| DC 2 wire 10-60V N.C. | M4S1-M3010C-C2A2 | 8 | M4S2-M3015C-C2A2 | 8 |
| DC 3 wire 10-55v NPN N.O. | M3S1-M3010N-O3A2 | 1 | M3S2-M3015N-O3A2 | 1 |
| DC 3 wire 10-55v NPN N.C. | M3S1-M3010N-C3A2 | 2 | M3S2-M3015N-C3A2 | 2 |
| DC 3 wire 10-55v PNP N.O. | M3S1-M3010P-O3A2 | 3 | M3S2-M3015P-O3A2 | 3 |
| DC 3 wire 10-55v PNP N.C. | M3S1-M3010P-C3A2 | 4 | M3S2-M3015P-C3A2 | 4 |
| 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) | 5.8φ 3x0.5 or 5.8φ 4x0.5 | | 5.8φ 3x0.5 or 5.8φ 4x0.5 | |
| Weight | approx.217 g | | approx.207 g | |

Subject to modifications without notice

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