

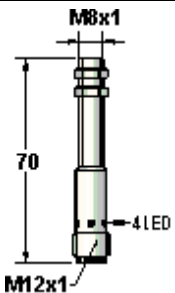
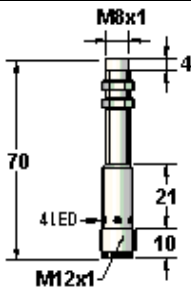


# DC METAL FACE INDUCTIVE PROXIMITY SWITCH (M8)

| Diameter                                      | M8  |    | M8  |    |
|---|---|----|---|----|
| Shielded/non-Shielded                         | Shielded  |    | Non-Shielded  |    |
| Switching Distance Sn mm                      | 1 mm  |    | 2 mm  |    |
| Housing Material                              | Stainless Steel   |    | Stainless Steel   |    |
| With LED/Without LED                          | With LED  |    | With LED  |    |
| Picture                                       | <br>CE |    | <br>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 - +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-M0801N-OEA4  | 31 | M1S2-M0802N-OEA4  | 31 |
| DC 3 wire 10-30V NPN N.C.                     | M1S1-M0801N-CEA4  | 32 | M1S2-M0802N-CEA4  | 32 |
| DC 3 wire 10-30V PNP N.O.                     | M1S1-M0801P-OEA4  | 33 | M1S2-M0802P-OEA4  | 33 |
| DC 3 wire 10-30V PNP N.C.                     | M1S1-M0801P-CEA4  | 34 | M1S2-M0802P-CEA4  | 34 |
| 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)                                | M12 Euro-style  |    | M12 Euro-style  |    |
| Weight  | approx. 22 g  |    | approx. 22 g  |    |

Subject to modifications without notice

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