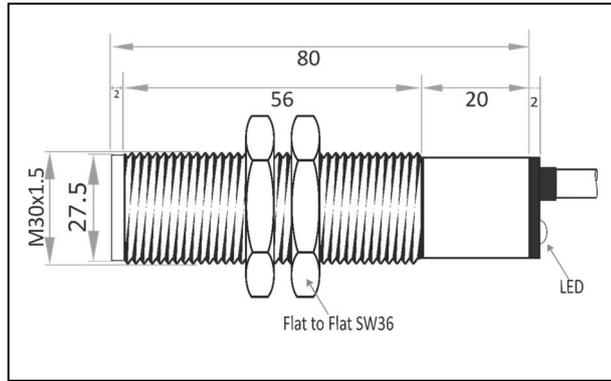


# Capacitive Proximity Sensors - DC

M30 | 10mm | PNP | NC | 300mA | 3 Wire | SCP

Ordering Code: D32C-3010-PB-3S



ACCENT CONTROLS

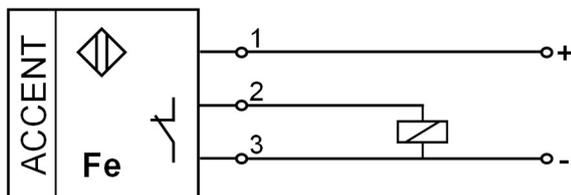
## Technical Specifications

|   |                     |
|---|---------------------|
| Cylindrical Metal Housing Diameter/Pitch (mm) | M30 / 1.5           |
| Installation                                  | Flush               |
| Rated Operating Distance (Sn)                 | 10 mm               |
| Actual Sensing Distance (Sa)                  | 8.10 mm             |
| Minimum Target size (min)                     | 45 x 45 x 1 mm      |
| Hysteresis                                    | ≤ 20% of Sn         |
| Operating Voltage                             | 10 - 30 V DC        |
| Residual Ripple (at operating Voltage)        | ≤ 10 %              |
| Output Circuit Type                           | PNP NC              |
| Max. Load Current (On state)                  | ≤ 300 mA            |
| Current Consumption (No Load)                 | < 13mA              |
| Residual Current                              | < 0.001 mA          |
| Switching Frequency                           | 100 Hz              |
| O/P status Indicator                          | Green LED           |
| Voltage Drop                                  | ≤ 2.5V              |
| Sensing Distance Adjustment                   | Via Multi-turn Pot  |
| Correction factor                             | Metal/Water : 1.0   |
|   | PVC : 0.4           |
|   | Glass : 0.6         |
|   | Wood : 0.6          |
|   | Oil : 0.5           |
| Operating Temperature Range                   | -10°C to 50°C       |
| Temperature Drift                             | ≤ 10% of Sn         |
| Over load & Short circuit Protection          | Yes                 |
| Reverse Polarity Protection                   | Yes                 |
| Environmental Protection                      | IP64                |
| Insulation Class                              | □                   |
| Housing Material                              | Nickel Plated Brass |

## Electrical Connections

Termination

2 meter Prewired 3-Core PVC Cable (3 x 0.22mm<sup>2</sup>)



### Wire Colour Coding:

1. RED : +
2. GREEN : Output
3. BLACK : -