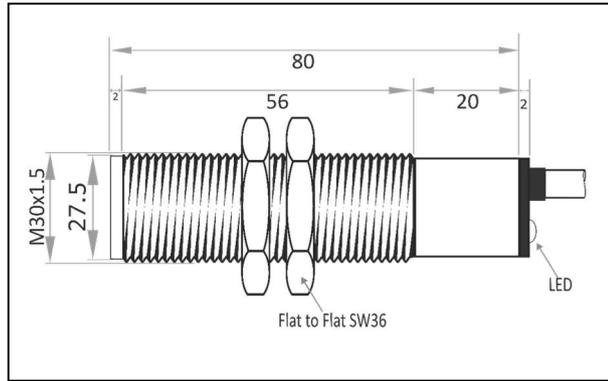


Capacitive Proximity Sensors - DC

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

Ordering Code: D32C-3010-NB-3S



ACCENT CONTROLS

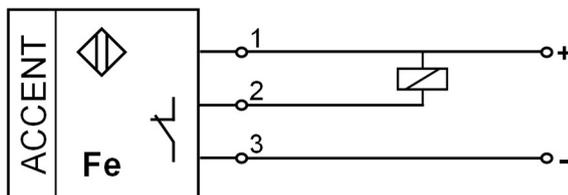
Technical Specifications

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	NPN 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	Red 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 0.44mm²)



Wire Colour Coding:

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