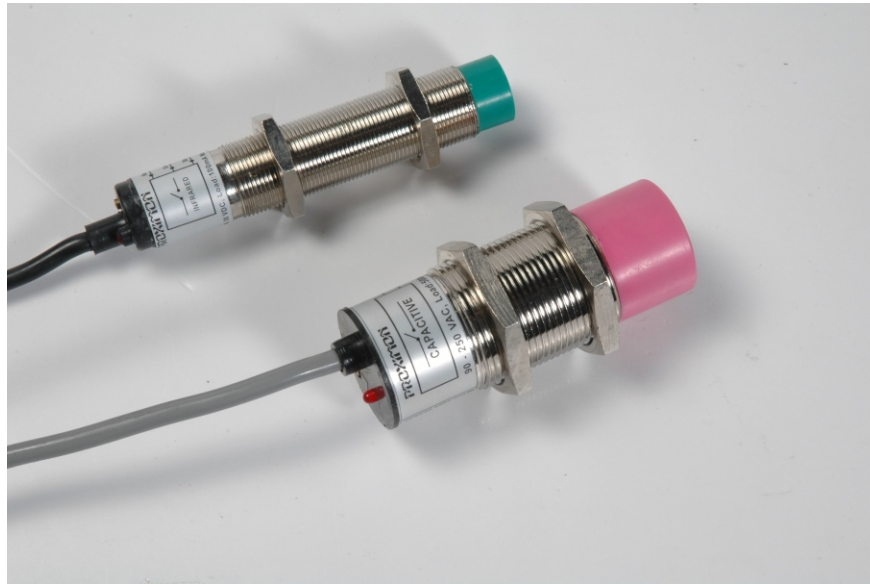


CAPACITIVE SENSORS



Capacitive Proximity Sensor is designed to detect and react to any object which moves into the operating zone. The sensor contains an oscillator. The capacitance of this oscillator is linked with the sensing face and when any object moves into the operating zone, its capacitance activates the oscillator. The sensor can detect conductive as well as non conductive material. It is advisable to have an object with permittivity more than one. The conductive objects are generally to be earthed for better results.

SPECIFICATIONS (3 WIRE DC):

Dimension	: M30 X1.5 X 75 mm or M18 X 1 X 90mm
Supply voltage	: 10-30 V DC
Maximum load current	: 100 mA
Hysteresis	: 15% max.
Operating temperature	: -25°C + 55°C
Output transistor	: PNP or NPN
Output logic	: NO or NC
Environmental protection	: IP65
Temperature drift	: 5% typical
Switch - ON effect suppression	: Incorporated
Reverse polarity protection	: Provided
Short circuit protection	: Provided
Status indication	: Provided through LED
Sensing range	: 15 mm adjustable through Potentiometer

SPECIFICATION (2 WIRE AC):

Dimension	: M30 X 1.5 X 75 mm
Supply voltage	: 90-250 VAC
Supply frequency	: 45 - 65 Hz
Load current	: 500 mA max.
Hysteresis	: 15% max.
Output logic	: NO or NC
Status indication	: Through LED
Sensing range	: 15 mm adjustable through Potentiometer



PROXIMON
We Command and Control



PROXIMON CONTROLS PVT. LTD.

202, Krishna, Laxmi Industrial Complex,
Pokharan Road No. 1, Vartak Nagar, Thane-400 606, INDIA
Tel.: 91-22-2588 9244 / 45, 2585 4287
Fax: 91-22-2588 9246
e-mail: info@proximon.com Website: www.proximon.com