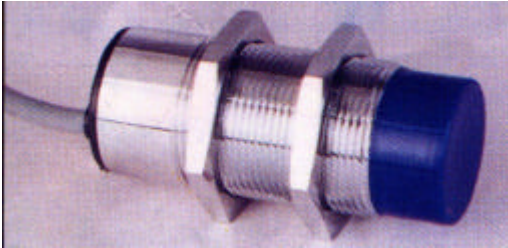


CAPACITIVE SENSORS

A 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 :

Housing	: Chrome plated Brass Housing with 2 lock nuts
Dimensions	: M30 X 1.5X70 mm length
Supply Voltage	: 10-30V DC
Output Transistor	: PNP or NPN
Output logic	: NO or NC
Reverse Polarity	
Protection	: Provided
Status Indication	: Thro' LED
Range Adjustment	: Thro' Potentiometer

NOTE ON SENSING DISTANCE :

The operating sensing distance (s) is generally 3/4th of nominal sensing distance (Sn). The nominal sensing distance is derived by testing with a standard metal target (ENS) of thickness 1mm and side dimensions equal to 3 X Sn.

The Product Range

- **INDUCTIVE PROXIMITY SENSORS**

2 WIRE AC MODEL

2 WIRE DC MODEL

3 WIRE DC MODEL

NAMUR

- **PHOTOELECTRIC PROXIMITY SENSORS**

THROUGH BEAM WITH CONTROLLER

THROUGH BEAM WITH BUILT-IN AMPLIFIER

DIFFUSE BEAM

RETRO - REFLECTIVE

- **CAPACITIVE PROXIMITY SENSORS**



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