

# Techsense Bangladesh Ltd

## Capacitive Proximity Sensor, Code : CR18CN08DPO

Capacitive sensors can be used to detect metal objects as well as nearly all other materials. They sense fluid level, chemical concoctions and fluid level etc. of any object within the range. They are generally used for industrial purpose. These sensors are able to detect dielectric materials like plastic, glass or such fluids. It enables them to figure out the level of different materials in their compositions. Usually capacitive sensors are more sensitive which enables them to perform well in complicated applications. They are used to sense very small objects through a large portion of target.

### General Attributes

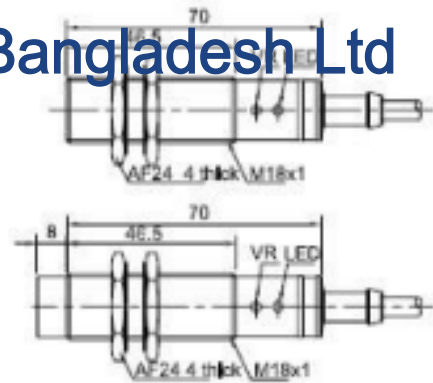
- Mounting : None Flash
- Sensing range : 8mm
- Power supply : 10...30VDC
- Output : PNP NO
- Repeat accuracy : ≤3%
- Load current : ≤200mA
- Residual voltage : ≤2.5V
- Consumption current : ≤15mA
- Protection circuit : Surge, overloaded, short circuit, reverse polarity
- Indicator : Yellow LED
- Ambient temp. : -25...70
- Ambient RH : 35-95%
- Frequency : 50HZ
- Protection degree : IP67
- Housing material : Nickel-copper Alloy
- Connection : Cable



### Application Notes

- Liquid level detection
- Material level control
- Counting
- Induction molding process

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Wiring Diagram

For further information please visit : <https://goo.gl/L20Fml>

