

## Capacitive Proximity Sensor, Code : CRY18-08PA

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

- Sensing distance : 8mm
- Setting distance : 0~5.6mm
- Power supply : 12-24VDC
- Operating voltage : 10-30VDC
- Frequency : 50Hz
- Control output : 200mA
- Insulation resistance : Min. 50MΩ (at 500VDC megger)
- Indicator : Operation indicator
- Ambient temperature : -25~+70°C
- Storage temperature : -30~+80°C
- Ambient humidity : 35~95%RH
- Protection circuit : Surge protection circuit, Over current protection circuit
- Cable : φ4.8, 2P, 2m
- AWG24, Core diameter : 0.1mm, Number of cores: 35, Insulator diameter: φ1.25
- Protection : IP67 (IEC, Standard)



### Application Notes

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

For further information please visit : <https://goo.gl/Si1O7U>

