

Technical Data Sheet



RETRO REFLECTIVE OPTICAL LEVEL SWITCH :

Prism



Prism

Measuring Principal :

An infrared emitter send chopped light into the Prism. When in the air the light undergoes total internal reflection and is sensed by the Photo-detector. When the Prism is covered by the liquid, the light gets dispersed and so is not detected. This change is processed to signal an alarm.

APPLICATIONS:

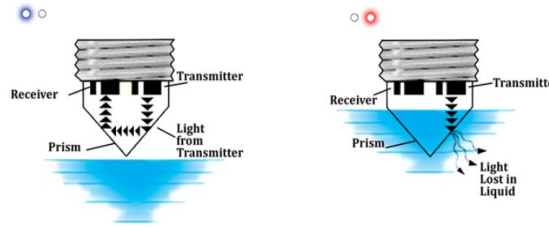
- Liquids Like: Beer, Glucose, Alcohol, Petrol, Diesel, Oil, Fruit Juices, Water, Chemicals, Honey Aerated Drinks, etc.
- Detection of Liquids in Pipelines

Typical Industries

- Breweries ,
- Water and waste Water Management ,
- Petrochemicals,
- Food Processing ,
- Pharmaceuticals ,
- Cosmetics ,
- Edible Oil,
- Chemicals ,
- Machine Building.

TECHNICAL SPECIFICATIONS:

Housing	SS316
Probe Length	35mm
Process Fitting	1/2", 3/4", 1" BSP /NPT
Process Temperature	Upto 80 °C
Ambient Temperature	-20°C to 80°C
Output Type	PNP Standard
Output	Max 100mA, Short – circuit protected
Input Supply	12...30 VDC (30 mA max)



Continuous efforts for product development may necessitate changes in specifications without Notice

JAYCEE TECHNOLOGIES PRIVATE LIMITED
REPRESENTED BY:

Mobile: 8554982251/ 9371068669 ; e-mail : jayceetech@gmail.com, sales@jayceetech.in