



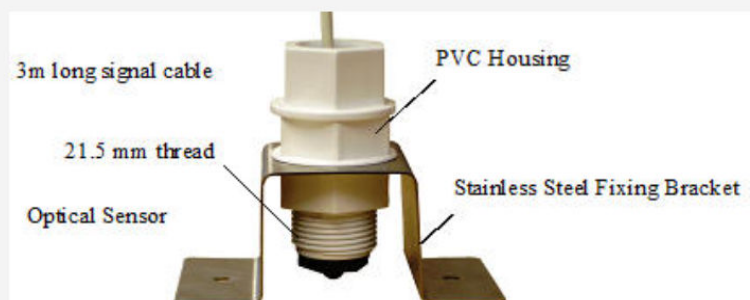
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OLS2-3, 1 and 2 zone Water Leak Alarm Data Sheet



Sensor

The mode of operation is the principle of total internal reflection. An LED and photo-transistor are housed in a plastic (Polysulfone) dome. When no water is present, light from the LED is internally reflected from the dome to the photo-transistor. When water comes into contact with the dome, the effective refractive index at the dome-water boundary changes allowing some light from the LED to escape. Thus the amount of light received by the photo-transistor is reduced indicating the presents of water.



Features

- Alphanumeric display for ease of Alarm identification from a distance
- On board audible warning device to alert local operators of a problem
- Alarms latched until Mute operated to give indication of transient water leaks
- Common alarm relay to onward signal to a BMS or used to shutdown water valves
- Optional output to remote sounder beacon
- Optional output to SMS text messaging system

