

ID

WIRELESS WATER & TEMPERATURE DETECTOR

General description:

The ID is a wireless water and temperature intelligent detector specially designed for use with GIVE Systems's controllers.

Programming:

The configuration and the programming of an ID allow to trigger an alarm when a specific level of temperature is reached and /or when the probes of the ID is in contact with water. In addition, the programming allows an ID to control the closing of one or many automatic valves.

Alarm categories:

Water:

Spot detection (water creating contact between 2 probes)

Temperature:

Specific levels of temperature are reached: Pre-determined minimum and maximum temperature.

Operating modes:

Normal: The LED blinks each 10 seconds.

Discreet: No -blinking of the LED.

Visual indicator (LED) :

Normal: 1 flash every 10 sec.

Detection: 2 rapid flashes each 10 sec.

Shows the result of a signal strength test.

Used for entering "sleep mode".

Test switch:

Allows the measuring of the signal strength on a scale of 5.

Allows the module to enter/exit "sleeping mode".

Allows the changing of operating mode.

Power:

2 batteries AAA

Batteries life expectancy: 18 months

Operational:

Operating voltage: 2.4-3.6V (3.3V typical)

Current consumption: In operation 30 μ A.

Tx mode: 23 mA / Sleep: 2 μ A

Range :

Up to 400 ft. / 125 meters (line of sight)

The range is considerably reduced inside a building or house, or even eliminated due to the interference created by gypsum drywall, concrete floor, steel structure etc.

Compliance with Standards:

IEEE Std. 802.15.4™ Compliant RF Transceiver
Radio Regulation Certification for United States
(FCC), Canada (IC) and Europe (ETSI)

Sensitivity:

40 k Ω

Dimensions:

W: 2.5 " x H: 4.9" x T: 1.25 "

W: 63 mm x H: 125 mm x T: 31 mm

Color: White



ELECTRODES



Wall Support

