



WH8-2

WIRELESS HUB – 8 CHANNELS – 2 CONTROLS (WH8-2)

Powered: Adaptor 9-12 volts DC
 Voltage: 9-12 Volts DC
 Communication: Wireless
 Power consumption:
 In operation (alarm): 50 mA
 In standby: 10 mA

Terminal Inputs:

Detection channels: 8
 Valve status: 2 (opened/closed):

Terminal Outputs

(valve control): 2 (Programmable via Supervisor Software)
 CTO: Current max: 3 Amp / Max. Voltage: 28 volts
 (Control Terminal Output)

Alarm categories:

Detection: Contact of water with detector
 Wirefault: Wire disconnected or broken between WH8-2 & detector.
 Linkfault: Loss of signal between RCN and WH8-2

Wireless Transmission:

Technology: ZigBee
 Protocol: IEEE 802.15.4
 Frequency: 2.4 GHz
 Range: Regular:30 meters / Pro: 90 meters
 Detectors (distance wiring) 30 meters (detector ↔ WH8-2)

Visual Indicators (LED's):

Power: 1 LED (blinks each second)
 Channels identification: 8 LED's (one by channel)
 Alarm-detection: Light during the detection
 Alarm-Wirefault: Blinks each second.

Outputs activation: 2 LED's (one by output)
 Inputs signal: 2 LED's (one by input)

DETECTORS:

Flexible detector: Model DF1
 Solid detector: Model DS2
 Solid detector +resistance: Model DS2-R (used for wirefault signal)
 Impedance: 500 to 1600 k-ohms
 Connection method: In parallel

Calibration / test button: Identification –category of detectors
 Measuring of signal strength



- 1- Led (power)
- 2- Leds channels identification
- 3- Terminal inputs (detectors)
- 4- Terminal inputs (valve status)
- 5- Terminal outputs (valve control)
- 6- Test Calibration button
- 7- Association connector
- 8- Power Adaptor connector

