

# HYDROSENSE HS CONVENTIONAL WATER LEAK DETECTION PANELS



hydrosense™

The Hydrosense HS conventional supports both linear and point detection with Hydrowire and Hydrosense Probes. Control Panel sizes range from two to eight detection zones, and each model includes two sounder circuits. An Ancillary PCB can also be fitted to provide local plant control or BMS integration, via up to 8 zonal relay contacts.

A seamless operation is assured by both battery backup and system fault monitoring. An alarm and/or fault condition will be signaled both visually and audibly.

Hydrosense HS is ideal for small to medium sized projects, with up to 50 metres of Hydro-Wire or 20 Hydro-Probes allowed per detection zone.



## FEATURES

- Fully monitored alarm and detection circuits
- New robust junction and connection boxes with plug 'n' play feature
- Simple to install and maintain
- New Hydro-Wire incorporates both enhanced durability and flexibility
- Up to 72 hour battery standby
- New probes include enhanced aesthetics and mechanical protection
- Common fault and alarm relay contacts available
- Connection and termination made even more simple

## PART NUMBERS

- HSCP-S-2-230: 2 Zone Control Panel, 230 VAC
- HSCP-S-4-230: 4 Zone Control Panel, 230 VAC
- HSCP-S-8-230: 8 Zone Control Panel, 230 VAC
- HSCP-S-2-AP-230: 2 Zone c/w Ancillary PCB, 230 VAC
- HSCP-S-4-AP-230: 4 Zone c/w Ancillary PCB, 230 VAC
- HSCP-S-8-AP-230: 8 Zone c/w Ancillary PCB, 230 VAC
- HSRP-S-2-230: 2 Zone Repeater panel, 230 VAC
- HSRP-S-4-230: 4 Zone Repeater panel, 230 VAC
- HSRP-S-8-230: 8 Zone Repeater panel, 230 VAC
- HSRP-S-2-24: 2 Zone Repeater panel, 24 VDC
- HSRP-S-4-24: 4 Zone Repeater panel, 24 VDC
- HSRP-S-8-24: 8 Zone Repeater panel, 24 VDC
- HSCP-AP: Ancillary PCB for Hydrosense HS Control Panels

## SPECIFICATION

Mains Supply:	230 V ac (100 Watts Max.)
Mains Supply Fuse:	1.6 A, 250 V
Output Voltage:	18.5 to 29 V dc
Battery Size Max:	12 V, 7 Nh (2 batteries are required)
Battery charge Voltage:	27.6 V dc (Nominal)
Battery charge Current:	0.7 A
Battery lead fuse:	20 mm, 3.15 A
Dedicated Sounder Circuits:	24 V dc, fused at 500 mA
Relay contact rating:	30 V dc, 1 A
Detection Circuit EOL:	6,800 Ohms, 0.50 W
Sounder Circuit EOL:	10,000 Ohms, 0.25 W
IP Rating:	30
Construction:	1.2 mm Mild Steel
Finish:	Epoxy Powder Coated
Colour:	RAL 7047 Light Grey - Satin
Dimensions (L x H x D):	385 x 310 x 90 mm

## TECHNICAL DATASHEET

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### DETECTION COMPONENTS - PART NUMBERS

- HS-HWCI: Conventional Hydrowire Connection Interface
- HS-WLJB: Conventional Leak Detection Probe Junction Box
- HY-HSVS: Hydro-Cryer
- HYDW-05: Hydrowire 5 m
- HYDW-10: Hydrowire 10 m
- HY-ZB-01/03/10: Zone Breaker Cable 1 m, 3 m or 10 m)
- HYLGB: Hydrosense Leader Cable
- HS-HWCI-EOL: Hydrowire HS End of Line Device
- HS-WLDP: Hydrosense HS Leak Detection Probe
- HS-WLRI-F: Hydrosense Conventional Remote Indicator
- HS-WLRI-S: Hydrosense Conventional Remote Indicator c/w surface box
- 10-1110WSB-S: Identifire Tritone Sounder VID Surface Mount, White, Blue (contains 1x10-1110WSB)



HS-HWCI



HS-WLJB



HY-HSVS



HS-HWCI-EOL



HYDW-05/HYDW-10



HY-ZB-01/03/10



HYLGB



HS-WLDP



HS-WLRI-F



HS-WLRI-S



10-1110WSB-S

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We reserve the right to change or amend any design or specification in line with our policy of continuing development and improvement.

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