

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 signalled 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.



## Specification

Mains Supply	230 Vac (100 Watts Max)
Mains Supply Fuse	1.6 A, 250 Vac
Output Voltage	18.5-29 Vdc
Battery Size Max	12 Vdc 7Ah (2 Batteries)
Battery Charge Voltage	0.7 A
Battery lead fuse	20mm, 3.15 A
Dedicated Sounder Circuits	24 Vdc, fused at 500 mA
Relay contact rating	30 Vdc, 1 A
Detection Circuit EOL	6,800 Ohms, 0.5 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 (LxHxD)	285x310x90 mm

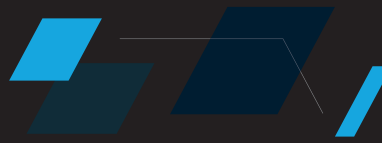


**hydrosense™**

## Features

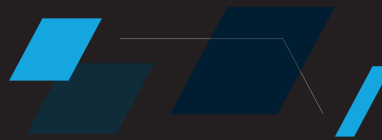
- / 2, 4 and 8 zone panels
- / Fully monitored alarm and detection circuits
- / Robust junction and connection boxes with plug 'n' play features
- / Simple to install and maintain
- / Up to 72 hour battery standby
- / Common fault and alarm relay contacts available
- / Kits available to make detection design and installation even easier
- / Up to 50 m of Hydrowire on a zone
- / Up to 20 probes per zone
- / Addressable system also available for larger installations
- / Internal buzzer on all panels





**Part Numbers**

<b>Panels</b>	<p>HSCP-S-2-230      Hydrosense 2 Zone Conventional Control Panel, 230 Vac</p> <p>HSCP-S-4-230      Hydrosense 4 Zone Conventional Control Panel, 230 Vac</p> <p>HSCP-S-8-230      Hydrosense 8 Zone Conventional Control Panel, 230 Vac</p> <p>HSCP-S-2-AP-230    Hydrosense 2 Zone Conventional Control Panel C/W Ancillary PCB, 230 Vac</p> <p>HSCP-S-4-AP-230    Hydrosense 4 Zone Conventional Control Panel C/W Ancillary PCB, 230 Vac</p> <p>HSCP-S-8-AP-30     Hydrosense 8 Zone Conventional Control Panel C/W Ancillary PCB, 230 Vac</p> <p>HSRP-S-2-230      Hydrosense 2 Zone Conventional Repeater Panel, 230 Vac</p> <p>HSRP-S-4-230      Hydrosense 4 Zone Conventional Repeater Panel, 230 Vac</p> <p>HSRP-S-8-230      Hydrosense 8 Zone Conventional Repeater Panel, 230 Vac</p> <p>HSCP-AP             Ancillary PCB for Hydrosense HS Conventional Panels</p> <p>HS-DC                Hydrosense Conventional Demo Case</p>
<b>Detection Components</b>	<p>HYDW-05-KIT        Hydrowire 5 m Kit - Contains HYDW-05, HS-HWCI and HS-HWCI-EOL</p> <p>HYDW-10-KIT        Hydrowire 10 m Kit - Contains HYDW-10, HS-HWCI and HS-HWCI-EOL</p> <p>HS-WLDP-1M-KIT     1 m Probe Kit - Contains HS-WLDP and HS-WLJB</p> <p>HS-WLDP-3M-KIT     3 m Probe Kit - Contains HS-WLDP-3M and HS-WLJB</p> <p>HS-HWCI             Conventional Hydrowire Connection Interface</p> <p>HYDW-05             Hydrowire 5M</p> <p>HYDW-10             Hydrowire 10M</p> <p>HS-HWCI-EOL        Hydrowire End of Line device</p> <p>HS-WLJB             Conventional Leak Detection Probe Junction Box</p> <p>HS-WLDP             1 m Hydrosense HS Leak Detection Probe</p> <p>HS-WLDP-3M         3m Hydrosense HS Leak Detection Probe</p> <p>HY-ZB-01/03/10     Zone Breaker Cable (1 m, 3 m or 10 m)</p> <p>HYLCB                Hydrosense Leader Cable (100 m reel)</p>
<b>System Accessories</b>	<p>HYVS                 Hydro-Cryer Voice Sounder</p> <p>HYVSB                Hydro-Cryer Voice Sounder, Blue Beacon</p> <p>10-1112WSB-S        Hydrosense Sounder Beacon, White, Blue Beacon, Surface Mounted</p> <p>10-1312WSB-S        Hydrosense Beacon, White, Blue Beacon, Surface Mounted</p> <p>HS-WLRI-S            Hydrosense Remote Indicator, White, Surface Mounted</p> <p>HY-VRF                Hydrosense Valve Relay, White, Flush</p> <p>HY-VRS                Hydrosense Valve Relay, White, Surface Mounted</p> <p>HY-KEY                Spare Enable Key for Hydrosense Panels (HS &amp; ID)</p> <p>HY-FX                 Hydrosense Cable Screw Fixing Clips - Bag of 100</p> <p>SY-BF01                Conventional Sycall Blue Call Point - Flush Mounted</p> <p>SY-BS01                Conventional Sycall Blue Call Point - Surface Mounted</p> <p>HY-WLDP-C            Hydrosense Probe Protection Cage</p> <p>HY-WLDP-DT          Hydrosense Probe Drip Tray Mounting Kit</p> <p>HY-WLDP-H            Hydrosense Height Adjustment Kit</p>



## Components

Showing some of the key products within the conventional range.



HSCP-S-2-230  
HSCP-S-4-230  
HSCP-S-8-230



HS-WLDP  
HS-WLDP-3M



HYDW-05  
HYDW-10



HS-HWCI-EOL



10-1112WSB-S



10-1312WSB-S



HYVS  
HYVSB



HS-WLRI-F  
HS-WLRI-S



HY-VRF  
HY-VRS



HS-HWCI



HS-WLJB



HY-ZB-01  
HY-ZB-03  
HY-ZB-10



HY-WLDP-DT



HY-WLDP-C



HY-WLDP-H



HY-FXSA

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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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