AQUAMASTER

CONVENTIONAL WATER LEAKAGE DETECTION PANEL

The AQUAMASTER Conventional Water Leakage Detection Panel range offers a creatively designed and visually pleasing solution for smaller cost-conscious projects demanding simplicity of operation. Versions available include **2, 4 and 8 zone panel**s and two styles of repeater. It monitors up to 8 Signaline WDM-KM Control Modules each of which controls up to 1000m of Signaline WD Water Detection Cable.

The **outstanding programmable features included** in this panel range contradict the facilities commonly available in this type of panel and include: programmable time delay by zone, Day/Night mode, selectable non-latching zones and coincidence detection.

Operation is extremely intuitive, offering simple control and one-button disablement facilities, as well as the one man test mode which provides simple and efficient testing of the system.

Advanced configuration solutions include the following: a dedicated RS232 communication interface allowing connection of up to 4 remote repeater panels, addressable loop interface modules and multiplexed zonal output relays; giving one of the most highly advanced levels of system integration and compatibility existing on the market at this level.

KEY FEATURES

- 2, 4 and 8 Zone non-expandable control panels
- Up to 8
- Active End of Line monitoring
- Programmable non-latching Zones
- Delay timer programmable on/off per Zone
- Coincidence programmable for adjacent Zones
- One man test
- Supervised auxiliary 24 volt output
- 2 Supervised/ monitored sounder circuits
- 3 Remote inputs used for activation of Class Change, Day/Night mode, and Reset
- 2 Relay outputs fire and fault
- Repeater output
- Multiplexed output for LEDs and additional relay outputs per zone (GFE-MPX-REL)
- Addressable Loop Interface card (GFE-ADLI)

GSS GROUP

TECHNICAL SPECIFICATIONS

PRIMARY SUPPLY VOLTAGE - INPUT	230 +10% -15% V AC
PRIMARY SUPPLY VOLTAGE - OUTPUT	28.5V DC nominal
PRIMARY SUPPLY CURRENT - OUTPUT	1.7 A @ 28.5V DC nominal (max.)
SECONDARY SUPPLY VOLTAGE	21.0V DC (min.) - 27.2V DC (max.) - BAT charger o/p 28 V DC
SECONDARY SUPPLY CURRENT OUTPUT	1.1 Amp Maximum @ 20°C
INTERNAL BATTERY CAPACITY - MAXIMUM	2 x 12V x 7Ah Sealed VRLA Lead Acid Batteries
MAINS FUSE	4 A -250 V Slow Blow – 20 mm
BATTERY FUSE	1.6 Amp – Resettable
NUMBER OF CIRCUITS	2, 4 or 8
ZONE CURRENT - QUIESCENT / ALARM	4 mA / 60 mA – Maximum
MAX. CABLE RESISTANCE / CAPACITANCE	40 Ohms / 0.470 uF
END OF LINE MONITORING	Active EOL – Capacitor
BS5839 DETECTOR REMOVAL COMPLIANT	YES provided diodes are fitted to detector base
DEVICES PER ZONE	1 WDM-KM Control Module – controls up to 1000 m of Signaline WD Water Detection Cable
ALARM RESISTANCE VALUE: INPUTS	270 - 1000 Ohms
SOUNDER CIRCUIT SPECIFICATION	2 – 500mA max. current drive per circuit – fully monitored
ALARM VOLTAGE / END OF LINE RESISTOR	27.5 V DC Nominal / 10 K Ohms – 1/4 Watt
AUXILIARY RELAY OUTPUT	1 Fire (COM-NC-NO) - 1 Fault (COM-NC) non-supervised
RELAY CONTACT RATING	50V DC - 2 Amp resistive loads
EVACUATION AND RESET	Non-Latching - Voltage free contact
PROTECTION RATING	IP30
COLOUR	White or Red
MAX. HUMIDITY	95% RH Non-Condensing
OPERATING TEMPERATURE	-10°C to 50°C
DIMENSIONS	404(H) x 272 (W) x 107 (D) mm
WEIGHT	1.7 Kg - 7 Kg (inc. 2 x 7Ah 12V bat.)

ORDER CODE

AQUAMASTER 2	2 ZONE CONVENTIONAL WATER LEAKAGE ALARM PANEL
AQUAMASTER 4	4 ZONE CONVENTIONAL WATER LEAKAGE ALARM PANEL
AQUAMASTER 8	8 ZONE CONVENTIONAL WATER LEAKAGE ALARM PANEL