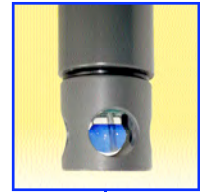


AWE

Model P7335 pH/Redox (ORP) Controller



- * User Selectable pH or mV
- * Auto or Manual temp comp
- * Logic Input for Run/Standby
- * Two Control Relays.
- * One Alarm Relay.
- * Isolated Current Output.
- * Panel Mounting 96 x 48 Din.
- * Red LED Display.
- * Switch Mode Power Supply

The model P7335 is member of our series 7335 analytical instruments housed in 48 x 96 din standard enclosures which are only 95 mm deep designed for mounting in panels where space is at premium.

The P7335 pH/Redox (ORP) millivolt controller features selectable ranges for pH with a glass electrode, pH using an Antimony electrode which maybe used in solutions containing HF acid or Redox (ORP) millivolts over the range of -1000 mV to +1000 mV.

Temperature compensation maybe manually set over the range of 0 – 100°C or automatically compensated for over the range of 0 -100°C by the use of either a Pt100 or Pt1000 temperature sensor which is user selectable.

A bright red LED indicates the selected parameter pH or mV, the main readout features a 4 digit red LED display, which provides excellent visibility and provides the user with messages for setup and operation. The front panel includes 4 keys that allow the user to access the most frequently used functions.

Two programmable control relays are fitted, the control relays can be programmed for either high or low operation and have adjustable delay timers.

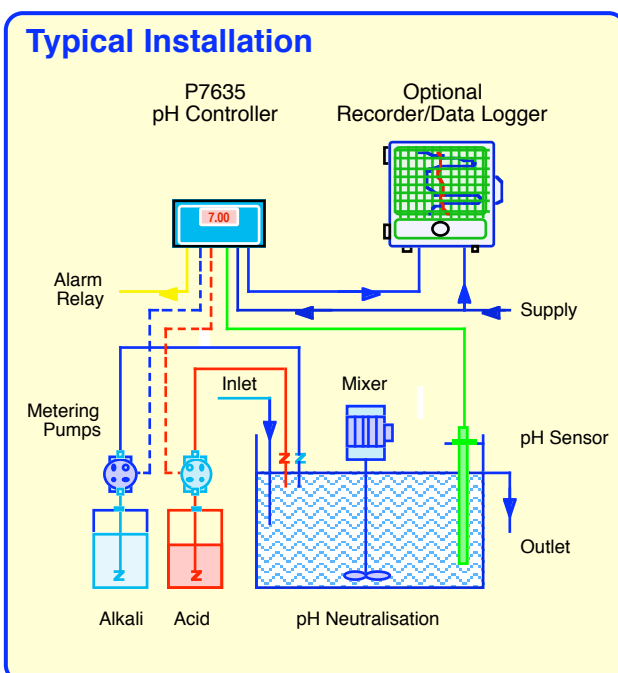
One adjustable alarm relay with delay timer is fitted which maybe set to operate on both a high and low measured value.

The isolated current output corresponds to the measuring range selected and can be selected for either 0 - 20 mA or 4 - 20 mA.

The versatility of the microprocessor accompanied by the user friendly software allows the programming of the functions, routine checks and calibration to easily be accomplished even by untrained operators.

Installation of the 7335 series of instruments is intended to be into a control panel or in the optional surface mounting enclosure.

The rear of the case is fitted with plug in connector blocks for ease of installation and maintenance.

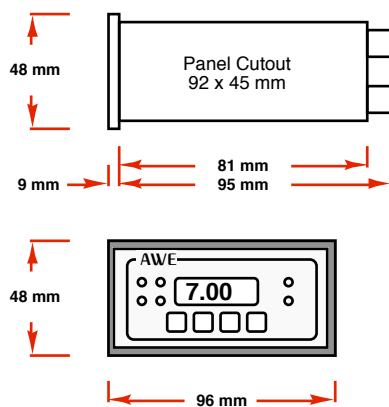


Specifications

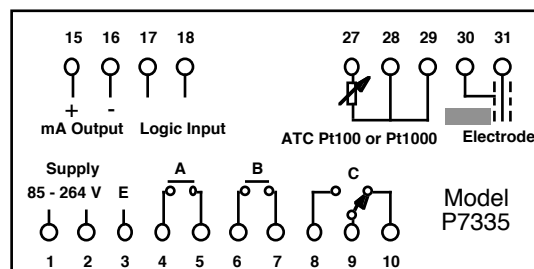
Input	Any AWE combination electrode or other good quality electrode.
Range	0 - 14.00 pH or 0 -±1000 mV
Temp range	Measuring and compensating 0 to 100 °C or 32 to 212 °F
Temp comp/display.	Automatic via 3 wire Pt100 or Pt1000 sensor Manual 0 to 100 °C
Display	4 Digit bright red LED.
Logic input	Volt free contact closure for run/standby Can be set to operate the alarm relay
Set points	2 min/max selectable contacts SPST 5 amp non inductive.
Action	On/Off with delay timer 0 – 100 secs
Hysteresis	± 0.02 pH
Alarm	1 min or max. Contacts SPDT 5 amp non inductive.
Action	On/Off with delay timer 0 – 100 secs
Current output	0 - 20mA / 4 - 20 mA isolated into 600 ohms
Zero	± 2.0pH
Slope	80% – 110%
Mains supply	85 – 264 volt 50/ 60 Hz. switch mode power supply
Power consumption	6 VA
Weight	400 grams DIN rail version
Dimensions	48 x 96 x 95 mm. cutout 45 x 92 mm.

P7335

Dimensions



Connections



Jan 2010

AWE

Automated Water & Effluent Ltd

AWE House Antom Court, Tollgate Drive, Beaconside, Stafford, ST16 3AF UK.

Tel: 01785 254597 Fax: 01785 257724

www.awe-ltd.co.uk email sales@awe-ltd.co.uk