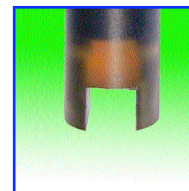




Model C7335 Microprocessor Conductivity Controller



- * Displays in μS or mS
- * Selectable Ranges
- * Selectable Cell “k”
- * Two Control Relays.
- * One Alarm Relay.
- * Isolated Current Output.
- * Panel Mounting 96 x 48 Din.
- * Red LED Display.
- * Switch Mode Power Supply

Ranges For C7335 Conductivity Controller

Input From Two Electrode Cells			
k	0.1	1.0	10.0
Range	2.000 μS	20.00 μS	200.0 μS
	20.00 μS	200.0 μS	2000 μS
	200.0 μS	2000 μS	20.00 mS
	2000 μS	20.00 mS	200.0 mS
	10.00 mS	100.00 mS	1000.0 mS

The model C7335 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 C7335 microprocessor conductivity controller displays conductivity in μS , or mS indicated by a bright red LED 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.

The C7335 conductivity meter features five user selectable ranges from 0 – 20 μS to 0 – 200 mS and cell constant(k) selection of either $k = 0.1$, $k = 1.0$ or $k = 10$.

Auto temperature compensation with adjustable base reference temperature of either 20 $^{\circ}\text{C}$ or 25 $^{\circ}\text{C}$ and adjustable temperature coefficient from 0 – 3.5% / $^{\circ}\text{C}$. Manual temperature compensation maybe selected from the range of 0 – 100 $^{\circ}\text{C}$

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 an optional surface mounting enclosure.

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

Specifications

Input

Ranges

Temp range

Temp comp/display.

Display

Logic input

Set points

Action

Hysteresis

Alarm

Action

Current output

Zero

Slope

Mains supply

Power consumption

Weight

Dimensions

C7335

AWE Conductivity cell $k = 0.1$ to 10 see table

$0 - 20.00\mu S$ to $0 - 100.0$ mS ($k = 1.0$) see table

Measuring and compensating
 0 to 100 °C or 32 to 212 °F

Automatic via 3 wire Pt100 or Pt1000 sensor
Base 20 °C or 25 °C.
Coefficient $0 - 3.5\%$ / °C

4 Digit bright red LED.

Volt free contact closure for run/standby
Can be set to operate the alarm relay

2 min/max selectable SPST
5 amp non inductive.

On/Off with delay timer $0 - 100$ secs

± 2 as a function of the scale

1 min & max. SPDT 5 amp non inductive.

On/Off with delay timer $0 - 100$ secs

$0 - 20$ mA / $4 - 20$ mA isolated into 600 ohms

$\pm 10\%$ of scale

$60\% - 160\%$ of scale

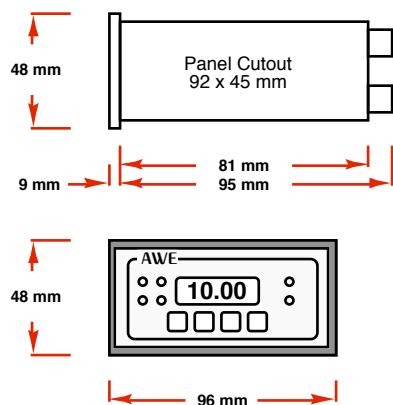
$85 - 264$ volt $50/60$ Hz. switch mode power supply

6 VA

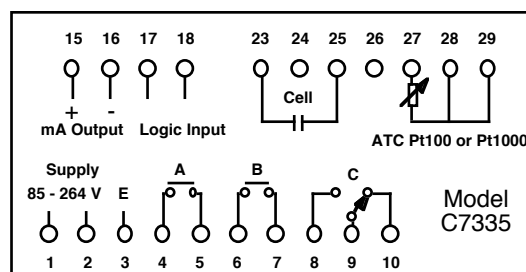
400 grams DIN rail version

$48 \times 96 \times 95$ mm. cutout 45×92 mm.

Dimensions



Connections



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