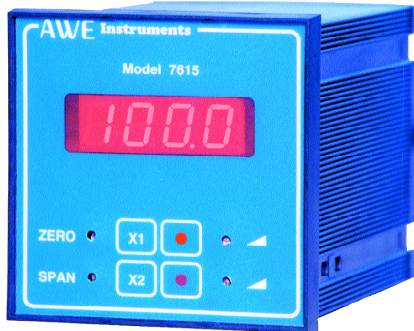
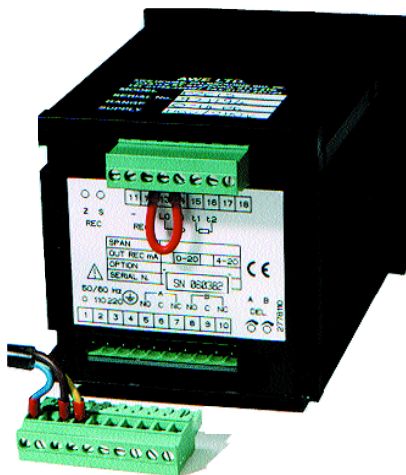




## Series TR7615 Temperature Controller



- ★ 0 - 199.9°C
- ★ 0 - 20mA Current Output
- ★ 3 1/2 LED Digital Display
- ★ Panel Mounting 96 Din
- ★ Two Control Points
- ★ Cost Effective
- ★ High Quality



The model TR7615 Temperature meter is an instrument designed for panel mounting to the DIN 47300 standard. For remote mounting an optional weatherproof enclosure to IP65 is available which may house one or two 7615 series instruments

The 7615 series instruments are a cost effective unit featuring a bright red 3 1/2 digit LED digital display, two independently adjustable set points marked X1 and X2 and a non isolated 0 - 20 mA recorder output capable of powering loads of up to 300Ω impedance. Calibration of the 7615 series of instruments is easily achieved by means of the front panel mounted controls for Zero and Span.

Electrical and sensor connections are on the rear of the instrument by means of retractable terminal blocks which provide easy installation and maintenance.

The model TR7615 Temperature meter has a range 0 – 199.9°C when used with a three wire resistance thermometer detector type Pt100, by using 3 wires the resistance in the connecting cable is compensated for providing accurate and reliable readings.

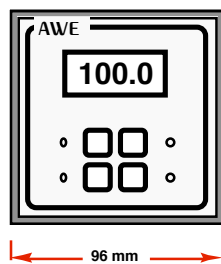
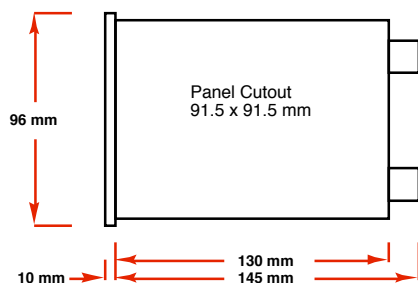
The 7615 series of controllers are available for the measurement and control of pH, Redox, Conductivity, Temperature, Residual Chlorine and as a slave controller with an analogue input.

## Specifications

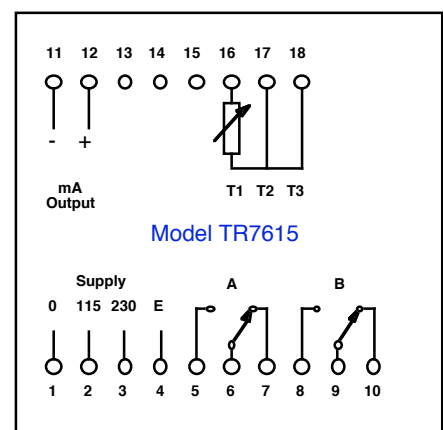
|                   |  |
|-------------------|--|
| Input             | Any AWE TPA 3 wire RTD Pt100 sensor.   |
| Range             | 0 – 199.9 °C                           |
| Resolution:       | 0.1 °C                                 |
| Output            | 0 - 20 mA into 300 Ω                   |
| Set points        | 2 on/off high/low                      |
| Relay rating      | SPDT 5 amp non inductive.              |
| Hysteresis        | ± 0.25 % of the scale other on request |
| Zero              | Adjustable ± 15%                       |
| Span              | Adjustable ± 20%                       |
| Ambient temp      | 0 - 50°C for full spec.                |
| Mains supply      | 230/115 volt 50/ 60 Hz.                |
| Power consumption | 3 VA                                   |
| Humidity:         | 95 % non condensing                    |
| Weight            | 500 grams panel mounting version       |
| Dimensions        | 96 x 96 x 155 mm.                      |
| cutout            | 92 x 92 mm.                            |

## TR7615

## Dimensions



## Connections



# AWE

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