2132

with improved







Model 2116 1/16 DIN (48 x 48mm)

Ideal for:

MODELS

- Ovens
- Chillers
- Sterilisers
- Trace heating
- Heat sealing

PID Temperature Controllers

Available in compact 1/32 and 1/16 DIN panel sizes, the 2132 and 2116 temperature controllers are designed for accurate, trouble free control of ovens, chillers, sterilisers and other simple heating and cooling processes. Two outputs are configurable for heating, cooling and alarms.

Eurotherm's advanced control techniques give stable "straight-line" temperature control. Self tuning is included to optimise the control performance without the need for specialist knowledge or training. Heater failure can be detected when the controller is used with a Eurotherm TE10S Solid State Relay (requires PDSIO mode 1).

Three internal alarm setpoints are provided, configurable as latching or non-latching. Alarms can be "blocked" on start-up to prevent unnecessary operator alerts.

Calibration accuracy is maintained with a self-correcting input circuit. User calibration allows offsets to be applied to compensate for sensor and other system errors.

Improved timer

An improved timer can apply heating (and cooling) for a pre-set period, or delay heating to come on after a set time. The latter is useful for over-night batch processing.

Features:

- Universal input
- Self tuning
- In-built timer
- Setpoint rate limit
- Tactile buttons
- Wide-range 85-264V ac, or 20-29Vac/dc supply
- · Plug-in from front
- IP65 and NEMA 4X panel sealing
- Three year warranty

Covers a wide range of temperature and process inputs

Easy commissioning

Sets heating/cooling times

Provides ramp-dwell heat treatment profile

Friendly to use

Can be installed world-wide

Rapid replacement - reducing downtime

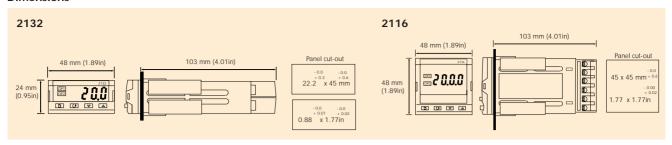
Can be used in wet and dusty atmospheres

Low ownership cost



PID Temperature Controllers

Dimensions

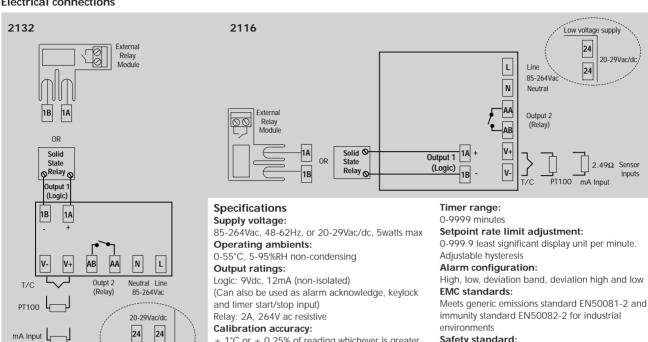


Electrical connections

2.49Ω

Sensor inputs

Low voltage supply



± 1°C or ± 0.25% of reading whichever is greater

Cold junction compensation: >15 to 1 rejection of ambient temperature change

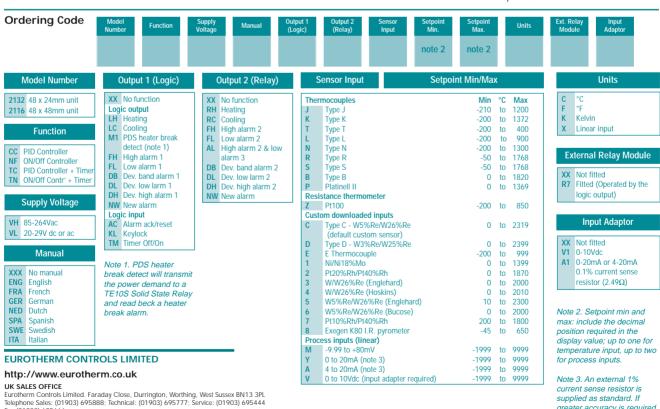
Input filtering: Off to 999.9 seconds

Safety standard:

Meets EN61010, installation category II. Pollution degree 2

Atmospheres:

Not suitable for use above 2000m or in explosive or corrosive atmospheres



Sales and support in over 30 countries worldwide

Enquiries/orders to: Eurotherm Controls Limited Export Dept., Faraday Close, Durrington, Worthing. West Sussex BN13 3PL Telephone (01903) 268500, Fax (01903) 265982

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greater accuracy is required

specify 'A1' in the Input

Adaptor field.

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