

2216L 2208L MODELS

Ideal for:

- Plastic extrusion
- Ovens
- Chillers
- Baking
- Cold stores

Features:

- Dual, 4 digit display
- Self tuning
- Special fan and water cooling algorithms
- High, low, deviation & sensor break alarms
- Tactile buttons
- Plug-in from front
- Meets European EMC and safety directives
- Three year warranty

Model 2216L
1/16 DIN (48 x 48mm)

Model 2208L
1/8 DIN (48 x 96mm)

PID Temperature Controllers

Available in 1/16 and 1/8 DIN panel sizes, the 2216L and 2208L temperature controllers are designed for accurate, trouble free control of extruders, ovens, chillers and other heating and cooling processes. They are simple to order, simple to install and simple to operate.

Eurotherm's advanced control techniques give stable "straight line" control of the process. Unique features include: power feedback which stabilises the controlled temperature against supply voltage changes and dedicated cooling algorithms which ensure optimum control of fan and water cooled systems.

Self tuning is included to automatically optimise the control performance without the need for specialist knowledge or training.

Calibration accuracy is preserved with a self-correcting input circuit.

Simple operation is achieved using intuitive display formats and tactile buttons.

The controllers are pre-configured according to the simple ordering code.

Simple temperature display and setpoint adjustment

Easy commissioning

Optimised cooling on extruders and chillers

Product and machine protection

Friendly to use

Rapid replacement - reducing downtime

Assured reliability in industrial environments

Low ownership cost

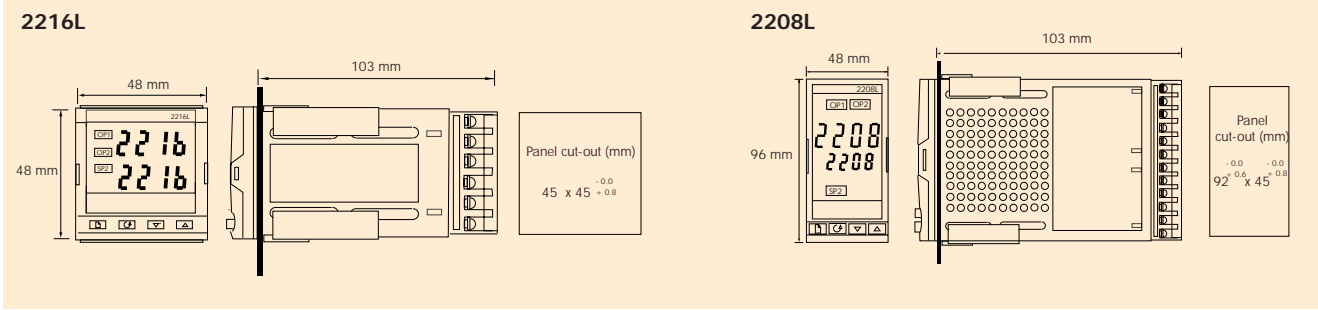


**EUROTHERM
CONTROLS**

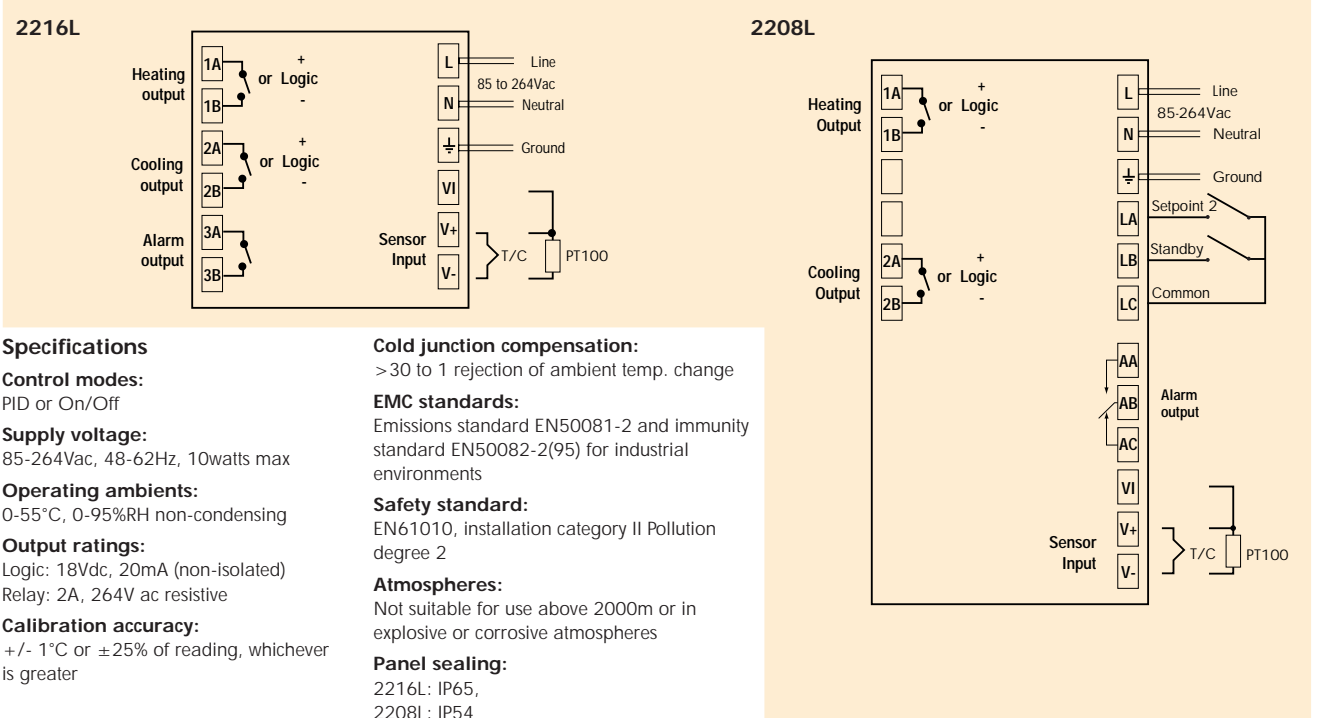


**Temperature
Controllers**

Dimensions



Electrical connections



Ordering Code

Model Number	Control	Supply Voltage	Heating Output	Cooling Output	Alarm Output	Manual	Sensor Input	Setpoint Min.	Setpoint Max.	Units
2216L 2208L										

Control

C

N

PID Controller
On/Off Controller

Supply Voltage

H

85-264Vac

Heating Output

X

1

2

Not fitted
Logic
Relay

Cooling Output

X

A

B

C

D

E

F

Not fitted
Linear cooling
Fan cooling
Water cooling
Linear cooling
Fan cooling
Water cooling

Alarm Output

X

1

2

Not fitted
High and low alarms
Deviation band

Manual

XXX

ENG

FRA

GER

NED

SPA

SWE

DEN

ITA

No manual
English
French
German
Dutch
Spanish
Swedish
Danmark
Italian

Units

C

F

°C
°F

Sensor Input

Thermocouples

J

K

T

L

N

Z

Type J
Type K
Type T
Type L
Type N
Pt100

°C

-210 to 1200
-200 to 1372
-200 to 400
-200 to 900
-200 to 1300
-200 to 850

°F

-340 to 2192
-325 to 2500
-325 to 750
-325 to 1650
-325 to 2370
-325 to 1562

Setpoint Min/Max

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