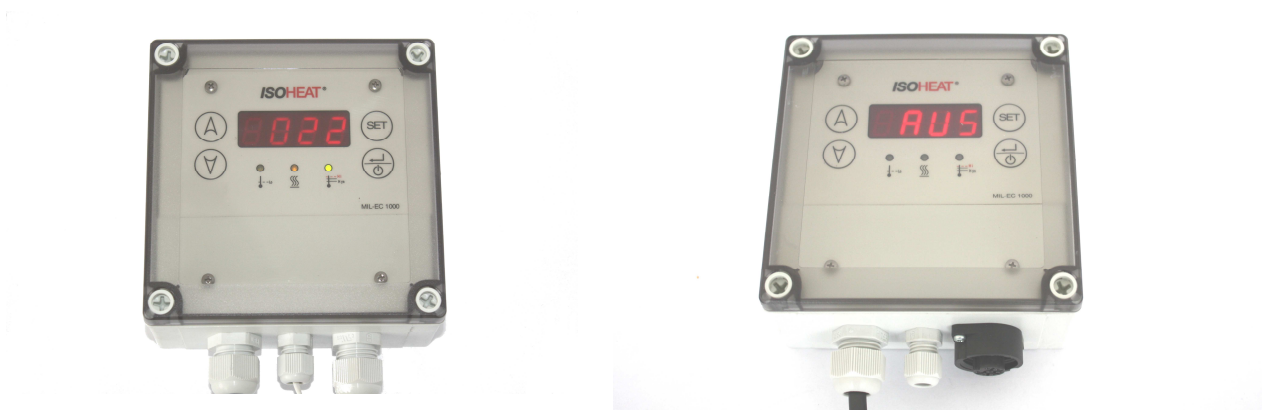


Quality Products

ISOHEAT[®]

Electronic PID Temperature Regulator

Series MiL-EC1000



Description:

Electronic microprocessor-controlled temperature regulator for demanding task setting for the heating of machines, systems and processes. The user has the choice between direct terminal connection or a common port from the customer and sensors through a multi-pole socket.

Features

- stabile wall housing with see-through lid
- very flexible through PID self-optimisation
- simple operation
- small, compact housing
- operation through function keys
- settings over the parameter level
- input: Pt-100 or thermocouples
- freely adjustable temperature range 0 - 999°C
- switching capacity possible up to 10 A

Technical Data

MiL-EC1000

Supply Voltage	230V AC +- 10%
Sensor Input	Pt 100 Thermocouples Type K (NiCrNi) Thermocouples Type J (FeCuNi)
Regulation Type	2 Point- or PID
Accuracy	1% with reference to range 0 - 400°C
Control Output	Relay 1 Closing contact 250V AC, 10A Resistive load Electrical working life 200000 Switching cycles
Internal Fuse	10 AT 250V in Load Circuit
Event Output	Relay (Signal relay) Floating closing contact max. 24VDC 1A
Setting Procedure	Digital adjustment through keystroke Setup: Regulator function Sensor pre-selection Line alignment (only Pt 100) Highest Set point limit Lowest Set point limit
	Regulation Mode: Set point Under-temperature 0...30K Over-temperature 0...30K
Display Process	4-digit 7 Segment display with 3-digit Temperature display in °C Parameter and Input value in Regulation Mode Parameter and Input value in Setup LED yellow blinking to display Under-temperature LED yellow to display the switching status LED green to display the hysteresis of the Signal relay LED red blinking to display Over-temperature
Electrical Connection	Terminal connection
Housing	Nominal voltage 230 V AC
Ambient Temperature	Polycarbonate 130 X 130 X 55 mm
Protection Type	0-50 °C IP 54

Order Number with cable glands

61100400

Order Number with multipole socket:

61100410

Number of poles 6+PE: RD 24 connector