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WARNING: These procedures are not designed for use in, and should not be used for, human applications.
Using This Quick Start Manual

Use this Quick Start Manual with your CSC32 or CSi32 series Mini Benchtop Controller for easy set-up and basic operation. For detailed information refer to the User’s Guide (CSC32: #M3506, CSi32: #M4640) or accompanying manuals included with your unit.

Included Reference Material

CSC32 Series:
- CN9500 Autotune Temperature Controllers Manual #M2897
- Software Communications Manual #M2896

CSC32 Series:
- iSeries Temperature & Process Controllers Manual #M3355
- Communications Manual #M3397

General Description

Your CSC32/CSi32 series benchtop controller is ideal for laboratory use and applications requiring portable temperature or process control. Pre-wired input and output receptacles on the rear panel enable quick and easy connections to main ac power, signal input, control output and two way digital communications. These controllers are factory configured and calibrated for a dedicated input type by model number.

Front Panel View

Controller input type is factory set and calibrated to the model number you have ordered. Do not change the controller’s thermocouple input type programming. Incorrect readings and/or control will result.

Controller Rear View

Applicable for the following models:
CSC32K (-C2, -C4)
CSi32K (-C24)
CSC32J (-C2, -C4)
CSi32J (-C24)
CSC32E (-C2, -C4)
CSi32E (-C24)
CSC32T (-C2, -C4)
CSi32T (-C24)
CSC32R (-C2, -C4)
CSi32R (-C24)
CSC32S (-C2, -C4)
CSi32S (-C24)
CSC32N (-C2, -C4)
CSi32N (-C24)

Controller power switch

Input connector wiring

RTD Model

MA Model

MV Model

Applicable for the following models:
CSC32RTD (-C24)
CSC32MV (-C24)
CSC32MA (-C24)
CSi32RTD (-C24)
CSi32MV (-C24)
CSi32MA (-C24)

Input connector wiring

Output 1 (Fuse: F2)
F5A (250V)
5mm Dia. X 20mm Long
Output 2 (Fuse: F3)
F5A (250V)
5mm Dia. X 20mm Long

RS232/485 option port
RJ12 jack (models -C2 or -C4 only)

AC mains receptacle
108-120 VAC (50/60Hz)
Power cord provided

Input connector wiring

Process current input (4-20mA)
Internal excitation

Jumper

4-wire

2-wire

3-wire

2-wire

2-wire