New Product

OMRON

Digital Temperature Controller
E5CD/E5ED

Next Generation Digital Temperature Controllers with Expanded Adaptive Control Functionality

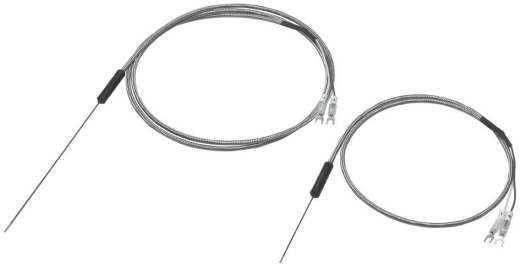
E5CD (48 × 48 mm) and E5ED (48 × 96 mm) Push-In Plus technology models reduce wiring work E5CD-B (48 × 48 mm) and E5ED-B (48 × 96 mm)

Optimize control by detecting status changes.
Easily satisfy both productivity and quality.
Ideal for package sealing and water-cooled extrusion applications.

48 × 48 mm
E5CD/E5CD-B

48 × 96 mm
E5ED/E5ED-B

Accurately Measure Seal Temperatures
Temperature Sensors for Packaging Machines



Temperature Sensors
E52
Ferrule terminal type added

Digital Temperature Controller
E5CD/E5CD-B (48 × 48 mm)

Optimize Control by Detecting Status Changes.
Easily Satisfy Both Productivity and Quality.
Models with Push-In Plus Technology Available in the Lineup.

- Automatic optimization of control for changes in systems (Adaptive Control).
- Functions specialized for packaging machines (Temperature Sensors for Packaging Machines and Automatic Filter Adjustment).
- Function specialized for water-cooled extruders (Water-cooling Output Adjustment).
- Indication data (Power ON Time, Ambient Temperature, and Output ON/OFF Count).
- Basic performance is same as the E5□C standard models.
- Draw-out structure for easy maintenance. (Screw terminal blocks only)

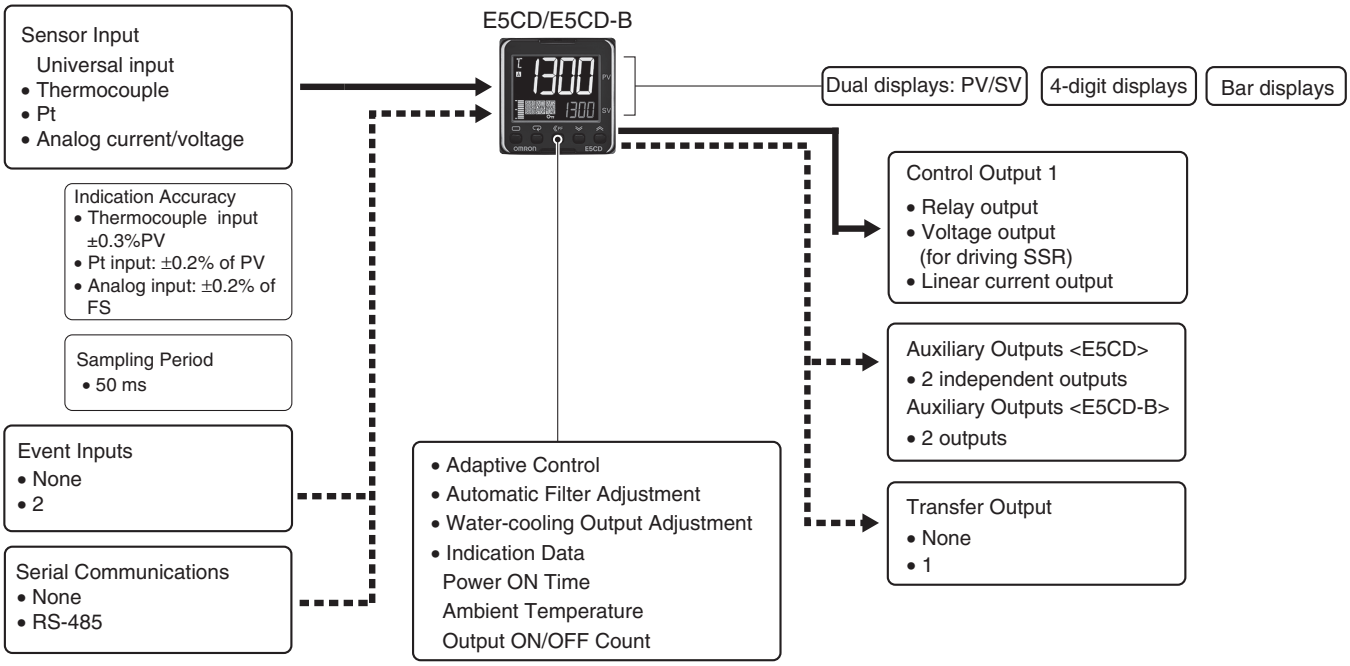
48 × 48 mm
Screw Terminal Blocks
E5CD

48 × 48 mm
Push-In Plus Terminal Blocks
E5CD-B

For the most recent information on models that have been certified for safety standards, refer to your OMRON website.

Refer to *Safety Precautions* on 43.

Main I/O Functions



This datasheet is provided as a guideline for selecting products.
Be sure to refer to the following manuals for application precautions and other information required for operation before attempting to use the product.
E5□D Digital Temperature Controllers User's Manual (Cat. No. H224)
E5□D Digital Temperature Controllers Communications Manual (Cat. No. H225)