

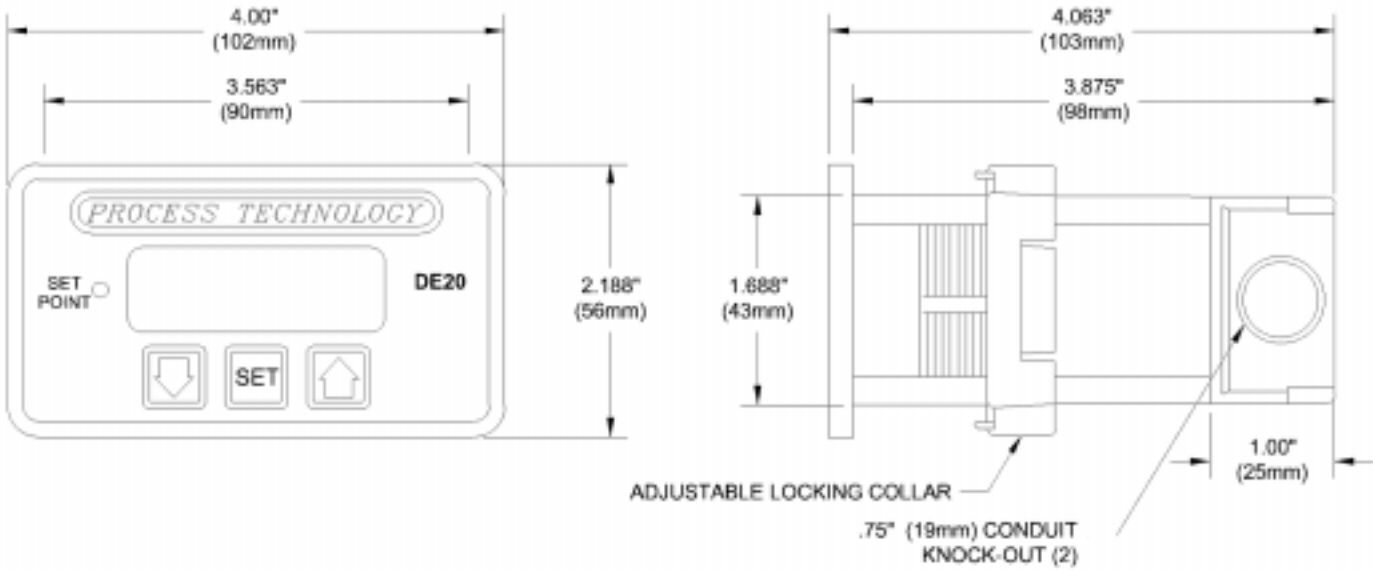


DE SERIES, 1/8 DIN DIGITAL THERMOSTATS						
MODEL NUMBER	VOLTS	MAX. AMPS	TEMP. RANGE	SENSOR LENGTH	REPL. SENSOR P/N	SHIP WGT.
DE20	85-265	20	0-500°F (0-260°C)	10' (3m)	RTD1000	3 (1.5)

## Product Features and Benefits:

- ◆ **IMPROVES PROCESS CONTROL:** Large (.56" high), easy to read LED display. Provides precise control for consistent plating and etch rates in most aqueous processes.
- ◆ **TEMPERATURE SENSOR:** Fluoropolymer (FEP) covered 10-foot (3m), 1000-ohm platinum RTD sensor included standard with the control. Provides extended service in corrosive liquids and can be lengthened with ordinary copper hookup wire.
- ◆ **CORROSION RESISTANT ENCLOSURE:** Vapor tight, NEMA 12, IP55, gasketed 1/8 DIN plastic enclosure with sealed tactile switches and stainless steel hardware.
- ◆ **CERTIFICATIONS:** cUL and CE.
- ◆ **CAPACITIES:**
  - Single pole, double throw switch rated at 20-amps for either 120 or 240 volts.
  - Adjustable temperature range from -40°F (-40°C) to 999°F (538°C).
  - +/- .25% full span, single digit accuracy.
  - 20°F (-7°C) to 130°F (54°C) ambient temperature range.
- Universal power supply: 85-265 VAC, 50 or 60 Hz.
- Single phase only.
- ◆ **SAFETY FEATURES:**
  - Non-volatile memory.
  - Programmable high alarm shutdown.
  - Sensor short and break protection.
  - Programmable high setpoint limit.
  - Security code restricted menu.
- ◆ **OPTIONS AVAILABLE (consult factory):**
  - 25-foot (7.6m) and 50-foot (15.2m) sensors.
  - Combination controls available for three phase service and larger heater loads.
  - Three wire 100-ohm RTD sensors.
  - Type J, K, T, and R thermocouples.
  - Special sensors. Required for temperatures above 500°F (260°C).
  - Scalable voltage and current inputs.
  - Convertible to direct acting output for cooling applications.
  - Adaptor panels for control retrofits.
  - Plastic enclosures for wall mounting.

## DIMENSIONS



## DE CONTROL ORDERING INFORMATION

Series	Amperes	Standard Options
DE	20	<ul style="list-style-type: none"> <li>-PB = mounted in plastic box</li> <li>-25 = 25 foot RTD sensor</li> <li>-50 = 50 foot RTD sensor</li> <li>-TEF = additional FEP sensor sleeve</li> <li>-H = high temperature sensor</li> <li>-TC = thermocouple sensor</li> </ul>

### ORDERING EXAMPLE:

DE20-25

DE series control, 20 amps, with 25 foot RTD sensor.

