



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:

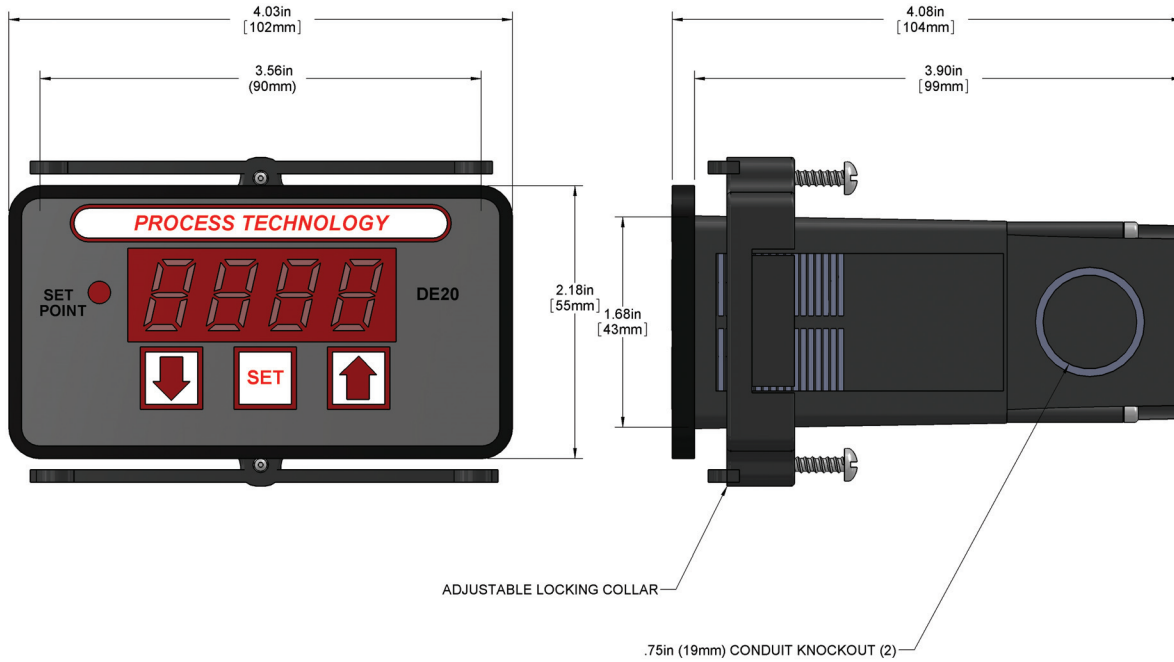
- ◆ **IMPROVES PROCESS CONTROL:** Large (.56" high), easy to read LED display. Provides precise control for consistent plating and etch rates in most aqueous processes.
- ◆ **TEMPERATURE SENSOR:** Fluoropolymer (FEP) covered 10-foot (3m), 1000-ohm platinum RTD sensor included standard with the control. Provides extended service in corrosive liquids and can be lengthened with ordinary copper hookup wire.
- ◆ **CORROSION RESISTANT ENCLOSURE:** Vapor resistant, NEMA 12, IP55, gasketed 1/8 DIN plastic enclosure with sealed tactile switches and stainless steel hardware.
- ◆ **CERTIFICATIONS:** cULus 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.
 - 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.

Your Distributor:

80 Metcalfe Street • Buffalo, NY 14206 U.S.A. • **US/CN: 800-777-2436** • 716-856-2300 • Fax: 716-856-7115

www.cdibuffalo.com • E-mail: sales@cdibuffalo.com

DIMENSIONS



DE CONTROL ORDERING INFORMATION

Series	Amperes	Standard Options
DE	20	-B = mounted in plastic box -25 = 25 foot RTD sensor -50 = 50 foot RTD sensor -TEF = additional FEP sensor sleeve -H = high temperature sensor

ORDERING EXAMPLE:

DE20-25
DE series control, 20 amps, with 25 foot RTD sensor.

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