

T-DE Series

PRODUCT DATA SHEET

Temperature Controls

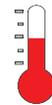
Single Set-Point, Precise Control

Large (.56" high), easy to read LED display

NEMA 1, IP21, flame retardant and gasketed plastic enclosure

±.25% full span, single digit accuracy

Single phase only.



Adjustable temperature range from -40°F(-40°C) to 999°F(538°C) (high temp sensor required)



cULus and CE compliant



T-DE SERIES, 1/8 DIN DIGITAL THERMOSTATS						
MODEL NUMBER	VOLTS	MAX. AMPS	TEMP. RANGE	SENSOR LENGTH Ft./(m)	REPL. SENSOR P/N	SHIP WGT. Lbs./(kg)
T-DE20	100-240V +/- 10%	20	0-500°F (0-260°C)	10' (3m)	RTD1000	3 (1.4)

*12 amp full load max if operating a heater with a built-in thermal protector

**PROCESS
TECHNOLOGY**

ISO 9001:2015
WITH DESIGN CERTIFIED

Features & Values

- Provides precise control for consistent plating and etch rates in most aqueous processes
- 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 wire
- NEMA 1, IP21, flame retardant and gasketed plastic enclosure with stainless steel hardware
- Single pole, double throw switch rated at 20* amps for either 120 or 240 volts. *12 amp full load max if operating a heater with a thermal protector
- ±.25% full span, single digit accuracy
- 20°F(-7°C) to 140°F(60°C) ambient temperature range

Specifications

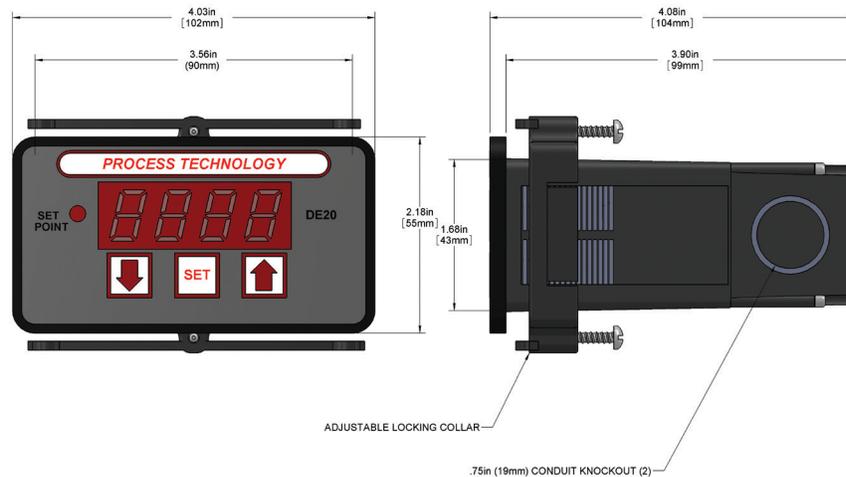
Temperature Range Adjustable temperature range from -40°F(-40°C) to 999°F(538°C) (high temp sensor required)

- Options**
- Three wire 100-ohm RTD sensors
 - 25-foot (7.6m) and 50-foot (15.2m) sensors
 - Scalable voltage and current inputs
 - Convertible to direct acting output for cooling applications

- Safety Features**
- Non-volatile memory
 - Programmable high alarm shutdown
 - Sensor short and break protection
 - Programmable high set point limit
 - Security code restricted menu

Certifications cULus and CE compliant

Dimensions



Model Number Breakdown

T-	DE	20	-L
Control Type	Series	Amperes	Standard Options
T-	DE	20	-VC = 1-10VDC output
			-R = 100 ohm RTD sensor
			-L = No sensor
			-H = high temperature sensor
			-25 = 25 foot RTD sensor
			-50 = 50 foot RTD sensor
			-F = FEP sleeved sensor

**PROCESS
TECHNOLOGY**