



Temperature Transmitter

RTD or Thermocouple Input, Zero and Span Adjust, Linearized 4 to 20 mA Signal

Models Select Chart

Model	Description
651A-10	Temperature transmitter, Pt100 RTD input, range 32 to 212°F (0 to 100°C).
651A-20	Temperature transmitter, Pt100 RTD input, range 32 to 392°F (0 to 200°C).
651A-40	Temperature transmitter, Pt100 RTD input, range 32 to 752°F (0 to 400°C).
651TC-01	Temperature transmitter, type K thermocouple input, range 32 to 212°F (0 to 100°C).
651TC-02	Temperature transmitter, type K thermocouple input, range 32 to 392°F (0 to 200°C).
651TC-	Temperature transmitter, type K thermocouple input, range

04	32 to 752°F (0 to 400°C).
651TC-06	Temperature transmitter, type K thermocouple input, range 32 to 1112°F (0 to 600°C).

Accessories

Model	Description
A-709	Temperature Transmitter Enclosure.

Specifications:-	
Input	: 2 or 3-wire Pt100 RTD (models 651A), or ungrounded Type K thermocouple (models 651TC).
Output	: 4 to 20 mA DC, linearized.
Transmitter Type	: 2-wire.
Output Impedance	: 700 Ω @ 24 VDC.
Power Requirements	: 10 to 32 VDC, reverse connection protected.
Accuracy	: ±0.2°C plus 0.2% reading (models 651A), ±0.1% FS plus cold junction errors (models 651TC).
Temperature Drift	: ZERO drift typical 0.02%/°C (0.09°F); SPAN typical 0.005%/°C 0.0036°F).
Temperature Limits	: Ambient: 32 to 122°F (0 to 50°C).
Maximum Storage Temperature	: 160°F (70°C).
Response Time	: 10 to 90% in 200 ms (models 651A), 70% in 2 ms (models 651TC).
Agency Approvals	: CE.