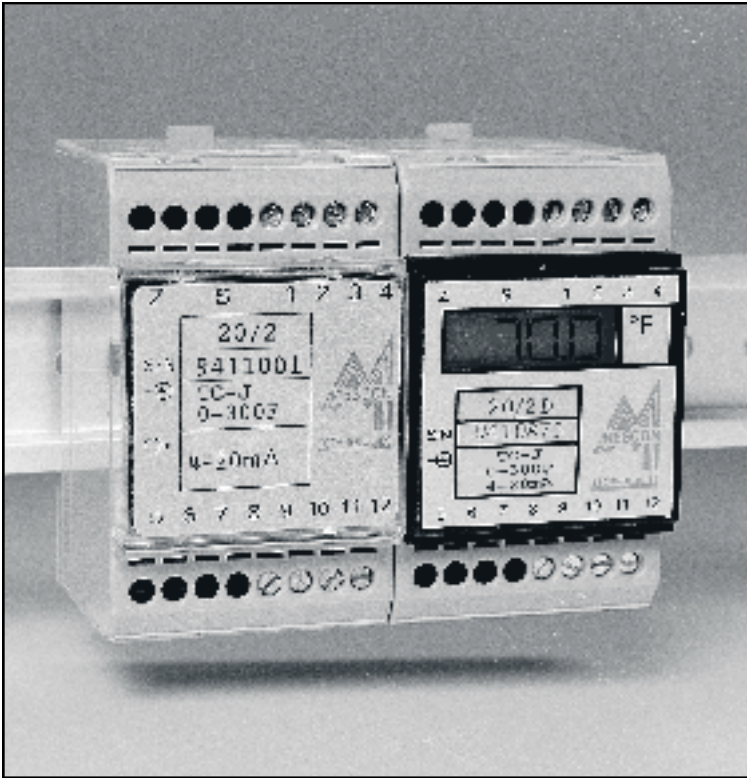


Thermocouple 2-Wire Transmitters

Precision, Isolated, Universal

Model 20/2, (L)



The model 20/2 is a precision, loop powered 2-wire transmitter with galvanic isolation between its input and the current-loop output signal. It includes the necessary circuitry for amplification and processing of signals from Thermocouple sensors. The input circuit can accept all types of Thermocouples and provides the ice point reference compensation. Model 20/2L also provides input linearization to correct for the inherent Thermocouple non-linearity. An optional LCD indicator is available to indicate actual temperature in °C or °F.

The 20/2 can be easily ranged without requiring special tools or board modifications. The transmitter is a member of Mescon's family of advanced Universal Input transmitters which can be easily reconfigured to accept other popular inputs such as RTD, DC mV/mA/Volts, and Potentiometers.

A TEST terminal provides a 40-200 mV signal proportional to the 4-20mA output. Applying a DVM to the TEST terminal allows monitoring and verification of the output without interrupting or disconnecting the current loop.

FEATURES:

- 2-wire transmitter system
- All known thermocouples
- Eliminates ground loop errors
- User selectable T/C type
- User rangeable
- Over 1000 Volts Isolation
- Wide ranging ZERO and SPAN
- Output TEST terminals
- DIN rail mounting

AVAILABLE OPTIONS:

- 3-1/2 digit backlit LCD indicator for temperature display (model 20/2L only)
- NEMA 4X or NEMA 7 enclosure
- Input linearization



MESCON
Technologies, Inc.

9318 Gulfstream Road, Suite A, Frankfort, IL 60423
Phone: 815-464-5004
Fax: 815-464-5003
E-Mail: mescon@mescontec.com
Web: www.mescontec.com

