

5720-1X Series Signal Conditioning Module

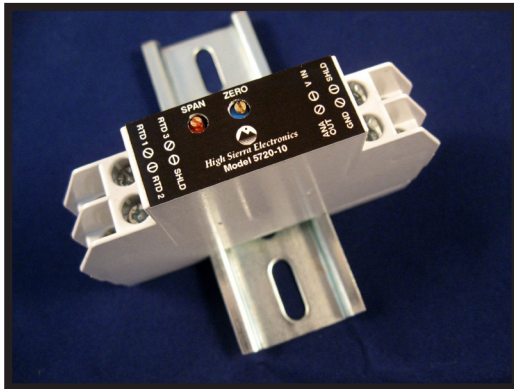
- 3 Operating Temperature Ranges
- Excellent Linearity
- Wide Power Supply Range
- Current or Voltage Output



PHONE: (800) 275-2080

HIGH SIERRA ELECTRONICS, INC.

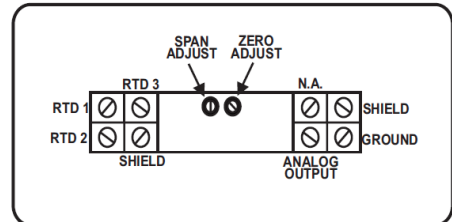
FAX: (530) 273-2089



DESCRIPTION:

The 5720-1X Series converts the Model 5720-00 Temperature Sensor to either a 4 to 20 mA output or 0.3 to 1.5 volt output. It linearizes the sensor output and provides a second order correction to the RTD typically providing a 40:1 improvement in linearity.

The 5720-1X Series will operate on loop voltages down to 9 volts. Separate zero and span adjustments are factory calibrated.



SPECIFICATIONS:

Operating Temperature Range

Model 5720-11 32° to 122° F (0° to 50° C)

Model 5720-12 -40° to 140° F (-40° to 60° C)

Model 5720-13 -40° to 158° F (-40° to 70° C)

Calibrated Accuracy Total Error < 1% over the calibrated range

Input PT100 3-Wire RTD

Output 4 to 20 mA, 0.3 V to 1.5 V (specify at time of order)

Power Supply 9 to 33 VDC at 20 mA Max.

Dimensions 1.5 x 2.25 x 3.625 in (3.8 x 5.7 x 9.21 cm)

Weight 1 lb (0.45 kg)

Shipping Weight 3 lbs (1.36 kg)

ORDERING GUIDE:

Model 5720-11. Signal Conditioning Module; Includes Module, and 3 in (7.62 cm) DIN-Rail. Temp Range 32° to 122° F (0° to 50° C).
Recommended for Water Temperature.

Model 5720-12. Signal Conditioning Module; Includes Module, and 3 in (7.62 cm) DIN-Rail. Temp Range -40° to 140° F (-40° to 60° C).
Recommended for Air Temperature.

Model 5720-13. Signal Conditioning Module; Includes Module, and 3 in (7.62 cm) DIN-Rail. Temp Range -40° to 158° F (-40° to 70° C).
Recommended for Road Surface Temperature.

OPTIONS/SPARE PARTS:

Model 5101-00. Signal Cable; 3 Conductor Shielded 24 AWG Stranded

02-5720-1X(A)

Environmental Monitoring Solutions

WEB SITE: www.highsierraelectronics.com E-MAIL: sales@highsierraelectronics.com