

Thermocouple Temperature Transmitter 588219 (6541-00)

FESTO

LabVolt Series

Datasheet



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11/2024

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General Description

The Thermocouple Temperature Transmitter is a thermocouple temperature transmitter having four J-type thermocouple probes with cold-junction compensation and a built-in calibration source. Its outputs are controlled using 0-5 V dc or 4-20 mA signals and are calibrated at 100 mV/°C (56 mV/°F). The supply voltage of the Thermocouple Temperature Transmitter is 24 V dc.

The Thermocouple Temperature Transmitter has a fixed calibration mode with the zero at 0°C (32°F) and a span of 100°C (212°F). It also has a variable calibration mode with the zero adjustable between 0°C and 50°C (32°F and 122°F) and a span adjustable between 15°C and 30°C (27°F and 54°F) above the temperature set by zero adjustment.

Specifications

Parameter	Value
Supply Voltage	24 V dc
Inputs	Four J-type thermocouple probes with cold-junction compensation
Calibration Source	Built-in
Outputs	
Control	0-5 V dc, 4-20 mA
Calibrated	100 mV / °C (56 mV / °F)
Fixed Calibration Mode	
Zero	0°C (32°F)
Span	100°C (212°F)
Variable Calibration Mode	
Zero	Adjustable between 0 and 50°C (32 and 122°F)
Span	Adjustable between 15 and 30°C (27 and 54°F) above temperature set by ZERO adjustment.

Reflecting the commitment of Festo Didactic to high quality standards in product, design, development, production, installation, and service, our manufacturing and distribution facility has received the ISO 9001 certification.

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