

# RTD Temperature Transmitter

## 588225 (6543-00)

**FESTO**

LabVolt Series

Datasheet



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## General Description

The RTD Temperature Transmitter is an RTD temperature transmitter with a single three-wire 100  $\Omega$  platinum probe 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 RTD Temperature Transmitter is 24 V dc.

The RTD 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
<b>Supply Voltage</b>	24 V dc
<b>Input</b>	
Number	One
Type	Three-wire 100 $\Omega$ platinum probe
<b>Calibration Source</b>	Built-in
<b>Outputs</b>	
Control	0-5 V dc, 4-20 mA
Calibrated	100 mV / °C (56 mV / °F)
<b>Fixed calibration mode</b>	
Zero	0°C (32°F)
Span	100°C (212°F)
<b>Variable calibration mode</b>	
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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