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# NI-9926/9944/9945

# Features

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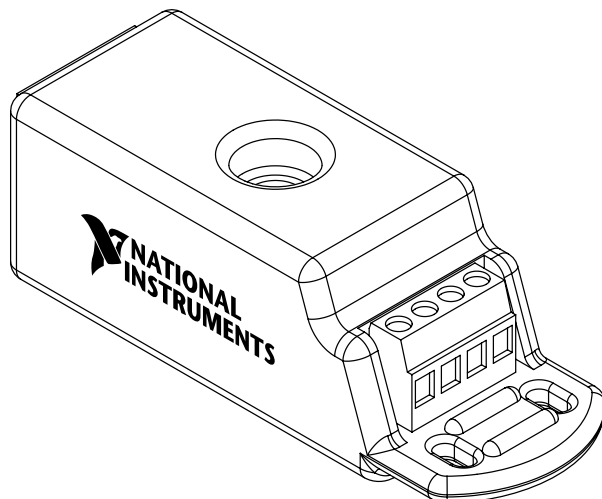
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# Intro



This document describes the features of the NI 9926, NI 9944, and NI 9945 terminal blocks, referred to inclusively in this document as the NI 9926/9944/9945. You can use the NI 9926/9944/9945 to add a quarter bridge to the NI 9237 module. Refer to the **NI 9237 Getting Started Guide** and **NI 9237 Datasheet** for more information about the NI 9237.

## What You Need to Get Started

To use the NI 9926/9944/9945, you will need the following:

- Plastic tie strap for strain relief wrapped around the two front holes.
- M4x20 screw or other hardware that fits in the 8.89 mm(0.350 in.) outer clearance hole and 4.57 mm(0.180 in.) inner clearance hole.

## Dimensions

The outer dimensions of the NI 9926/9944/9945 are 66 mm × 21.6 mm × 22.96 mm(2.6 in. × 0.85 in. × 0.90 in.) as shown below.

Figure 1. NI 9926/9944/9945 Dimensions

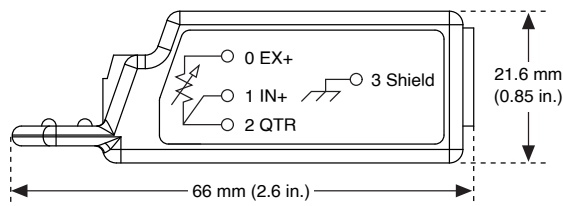
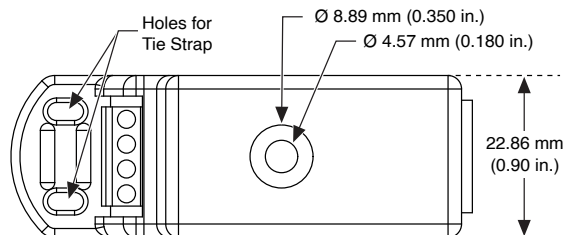


Figure 2. NI 9926/9944/9945 Dimensions and Hole Clearance



## Specifications

### Definitions

**Warranted** specifications describe the performance of a model under stated operating conditions and are covered by the model warranty.

**Characteristics** describe values that are relevant to the use of the model under stated operating conditions but are not covered by the model warranty.

- **Typical** specifications describe the performance met by a majority of models.
- **Nominal** specifications describe an attribute that is based on design, conformance testing, or supplemental testing.

Specifications are **Typical** unless otherwise noted.

### Conditions

Specifications are valid for the range -40 °C to 70 °C unless otherwise noted.

Weight	32 g (1.1 oz)
Operating temperature	-40 °C to 70 °C

<b>Resistor value</b>	
NI 9926	1,000 $\Omega$
NI 9944	120 $\Omega$
NI 9945	350 $\Omega$

<b>Resistance drift</b>	
NI 9926	0.0100 $\Omega/^\circ\text{C}$
NI 9944	0.0012 $\Omega/^\circ\text{C}$
NI 9945	0.0035 $\Omega/^\circ\text{C}$

Resistor tolerance (at 25 $^\circ\text{C}$ )	0.1% maximum
Resistor power	0.25 W maximum