

# Manual Supplement

Manual Title: 175, 177, & 179 Calibration Supplement Issue: **2**  
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This supplement contains information necessary to ensure the accuracy of the above manual. Enter the corrections in the manual if either one of the following conditions exist:

1. The revision letter stamped on the indicated PCA is equal to or higher than that given with each change.
2. No revision letter is indicated at the beginning of the change.



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## Change #1

On page 19, **Table 5**, replace items 7 and 8 with the following:


|   |   |        |   |
|---|---|--------|---|
| 7 | ⚠ Fuse, 11 A, (fast acting), 1000 V ac/dc, minimum interrupt rating 17 kA *   | 803293 | 1 |
| 8 | ⚠ Fuse, 440 mA (fast acting), 1000 V ac/dc , minimum interrupt rating 10 kA * | 943121 | 1 |

## Change #2, 55375

On page 3, in the **International Electrical Symbols** table, remove the following:

|   |  |
|---|--|
|  | Technischer Überwachungs Verein. German certifying body. |
|---|--|

On page 4, under **Specifications**, change:

From: **Certifications:** CSA, TÜV (EN61010), CE,  (N10140), VDE, UL

To: **Certifications:** CSA, CE,  (N10140), VDE, UL

## Change #3, 55420

On page 6, add the following table to the bottom of the page:

| Frequency Counter Sensitivity |        |                                     |                 |                  |                      |                            |
|-------------------------------|--------|-------------------------------------|-----------------|------------------|----------------------|----------------------------|
| Input Range <sup>[1][2]</sup> |        | Typical Sensitivity (RMS Sine Wave) |                 |                  |                      |                            |
|                               |        | 2 Hz to 45 Hz                       | 45 Hz to 10 kHz | 10 kHz to 20 kHz | 20 kHz to 50 kHz     | 50 kHz to 100 kHz          |
| Volts AC                      | 600 mV | Unspecified <sup>[3]</sup>          | 80 mV           | 150 mV           | 400 mV               | Unspecified <sup>[3]</sup> |
|                               | 6 V    | 0.5 V                               | 0.6 V           | 1.0 V            | 2.8 V                | Unspecified <sup>[3]</sup> |
|                               | 60 V   | 5 V                                 | 3.8 V           | 4.1 V            | 5.6 V                | 9.6 V                      |
|                               | 600 V  | 50 V                                | 36 V            | 39 V             | 45 V                 | 58 V                       |
|                               | 1000 V | 500 V                               | 300 V           | 320 V            | 380 V                | NA                         |
| Volts DC                      | 6 V    | 0.5 V                               | 0.75 V          | 1.4 V            | 4.0 V                | Unspecified <sup>[3]</sup> |
|                               | 60 V   | 4 V                                 | 3.8 V           | 4.3 V            | 6.6 V                | 13 V                       |
|                               | 600 V  | 40 V                                | 36 V            | 39 V             | 45 V                 | 58 V                       |
|                               | 1000 V | 500 V                               | 300 V           | 320 V            | 380 V                | NA                         |
| AC/DC Amps                    | mA     | 5 mA                                | 4 mA            | 4 mA             | 4 mA <sup>[4]</sup>  | NA                         |
|                               | A      | 0.5 A                               | 0.4 A           | 0.4 A            | 0.4 A <sup>[4]</sup> | NA                         |

[1] Maximum input for specified accuracy = 10X Range or 1000 V.  
 [2] Noise at low frequency and amplitude may exceed the frequency accuracy specification.  
 [3] Unspecified but usable depending on quality and amplitude of signal.  
 [4] In mA and A ranges, frequency measurement is specified to 30 kHz.