


# Manual Supplement


Title:	368/369 Users	Supplement Issue:	4
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This supplement contains information necessary to ensure the accuracy of the above Manual.

## Change #1, 250, 540

On page 6, replace the  symbol with:

	Do not operate within external low frequency magnetic fields >30 A/m.
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On page 18, replace the **Current Sensor Operating Class** and the **EMC International** with:

**Current Sensor Operating Class**..... IEC 61557-13: Class 2,  $\leq 30$  A/m

### **Electromagnetic Compatibility (EMC)**

International..... IEC 61326-1: Industrial Electromagnetic Environment

IEC 61326-2-2, CISPR 11: Group 1, Class B

On page 19, add:

***Operational Error for Current for 369***

<b>Parameter</b>	<b>Specification</b>	<b>Typical</b>	<b>Max<sup>[2]</sup></b>
Intrinsic uncertainty	IEC 61557-13 A Reference conditions	0.06 %	0.13 %
Conductor Position	IEC 61557-13 E1 $\pm 30^\circ$	0.06 %	0.12 %
Battery Voltage	IEC 61557-13 E2 2.0 V to 3.3 V	0.05 %	0.12 %
Temperature	IEC 61557-13 E3 -10 °C to 50 °C	0.14 %	0.29 %
Distortion	IEC 61557-13 E9	0.07 %	0.12 %
Magnetic Field	IEC 61557-13 E11 (15 Hz to 400 Hz) 10 A/m Class 3 30 A/m Class 2	2.07 % 6.21 %	3.31 % 9.96 %

Load Current	IEC 61557-13 E12 60 A rms max (50 Hz and 60 Hz)	5.17 %	10.83 %
Touch Current	IEC 61557-13 E13 CAT III 600 V/ 60 Hz	0.06 %	0.14 %
Frequency	IEC 61557-13 E14 40 Hz to 1 kHz	0.15 %	0.32 %
Repeatability	IEC 61557-13 E15	0.06 %	0.12 %
Uncertainty	IEC 61557-13 B 10 A/m Class 3 30 A/m Class 2	6.47 % 9.36 %	13.16 % 17.05 %
1. Accuracy guaranteed for 50 Hz and 60 Hz. 2. Confidence level: 95 %.			

**Change #2, 274**

On page 19, add:

***Operational Error for Current for 368***

Parameter	Specification	Typical	Max <sup>[2]</sup>
Intrinsic uncertainty	IEC 61557-13 A Reference conditions	0.08 %	0.15 %
Conductor Position	IEC 61557-13 E1 $\pm 30^\circ$	0.08 %	0.15 %
Battery Voltage	IEC 61557-13 E2 2.0 V to 3.3 V	0.08 %	0.15 %
Temperature	IEC 61557-13 E3 -10 °C to 50 °C	0.14 %	0.29 %
Distortion	IEC 61557-13 E9	0.06 %	0.15 %
Magnetic Field	IEC 61557-13 E11 (15 Hz to 400 Hz) 10 A/m Class 3 30 A/m Class 2	1.58 % 4.75 %	3.54 % 10.61 %

Load Current	IEC 61557-13 E12 60 Arms max (50 Hz and 60 Hz)	3.60 %	7.67 %
Touch Current	IEC 61557-13 E13 CAT III 600 V/ 60 Hz	0.94 %	1.61 %
Frequency	IEC 61557-13 E14 40 Hz to 1 kHz	0.15 %	0.30 %
Repeatability	IEC 61557-13 E15	0.08 %	0.15 %
Uncertainty	IEC 61557-13 B 10A/m Class 3 30A/m Class 2	4.74 % 7.02 %	10.06 % 15.34 %
<p>1. Accuracy guaranteed for 50 Hz and 60 Hz</p> <p>2. Confidence level: 95 %.</p>			

## Change #3, 566, 612

On page 19, add:

### Wireless Radio

Frequency Range .....2405 MHz to 2480 MHz



Output Power.....<100 mW


## Change #4, 478

On page 13, before ***Clean the Product***, add:

### ***Manual-Range Mode***

To enable manual-range mode:

1. With the Product off, simultaneously push  and .
2. Hold for approximately 2 seconds until the backlight illuminates.

The Product is now in manual-range mode and six ranges can be manually selected by pushing .