

# Manual Supplement

Manual Title: 87 V Ex Users  
Part Number: 2518115  
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This supplement contains information necessary to ensure the accuracy of the above manual.



## Change#1

On page 55, under, **Maximum output values at the voltage input** change:

From:  $C_o = 2.52 \text{ F}$   
To:  $C_o = 2.52 \mu\text{F}$

Under, **Maximum output values at the current-measuring inputs** change:

From:  $C_o = 1000 \text{ F}$   
To:  $C_o = 1000 \mu\text{F}$

## Change #2, 39785

On page 52, under **Electrical Characteristics of the Terminals**, replace the Diode row with the following:

→	1000 V rms	< 7.9 V dc	3.000 V dc	1.0 mA typical
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## Change #3, 44008

On page 45, under **General Specifications**,

Change: **Relative Humidity:** 0 % to 80 % (0 °C to 35 °C); 0 % to 70 % (35 °C to 50 °C)

To: **Relative Humidity:** 0 % to 80 % (0 °C to 35 °C)

On page 47, under **DC Voltage, Resistance, and Conductance Function**, add the following note:

[3] Maximum of 60 % relative humidity or a maximum of 28 °C.

Under **Range**, change the following:

From: 6.000 MΩ  
50.00 MΩ

To: 6.000 MΩ<sup>[3]</sup>  
50.00 MΩ<sup>[3]</sup>

In the 60.00 nS range change the **Accuracy**,

From:  $\pm (1.0 \% + 10)^{[1,2]}$

To: unspecified


## Change #, W2041055

On page 6, under **EX-Certification Data**,

Change: Ex-designation: Ⓢ II 2 G EEx ia IIC T4  
 To : Ex-designation: Ⓢ II 2 G Ex ia IIC T4

## Change #5, 55377

On page 7, in Table 1 remove the following:

	Inspected and licensed by TÜV Product Services.
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On page 45, under **General Specifications**, replace **Safety** with the following:

**Safety:** Meets 1000V CAT III/600V CAT IV per ANSI/ISA-61010-1 (82.02.01):2004, UL 61010-1:2004, CAN/CSA C22.2 No. 61010-1-04, and EN/IEC 61010-1:2001. The product is designed for industrial applications in areas with an increased risk of explosion in zones 2 and 1, in accordance with directive 1999/92/EC (ATEX 137).

