

Manual Supplement

Manual Title:	718Ex 30G/100G/300G Users	Supplement Issue:	5
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This supplement contains information necessary to ensure the accuracy of the above manual. This manual is distributed as an electronic manual on the following CD-ROM:

CD Title:	718Ex 30G/100G/300G
CD Rev. & Date:	2, 5/2009
CD PN:	2097427

Change #1, 51120


On page 27, add the following section under the **Entity Parameters**:


Pressure Module Output Circuit:

Vo, Uo	Io	Po	Co			Lo		
			IIC	IIB	IIA	IIC	IIB	IIA
7.14 V	102 mA	182 mW	13.5 μ F	240 μ F	1000 μ F	3.4 mH	10.2 mH	27.2 mH

Change #2, 52975

On page 9, under **Certification Information**, change the following:

From: C ϵ  II 1 G EEx ia IIC T4
0344

To: C ϵ  II 1 G Ex ia IIC T4
0344

On page 27, under **Product Compliance Markings**, change the following:

From: C ϵ  II 1 G EEx ia IIC T4
0344 KEMA 04ATEX1601 X

To: C ϵ  II 1 G Ex ia IIC T4
0344 KEMA 04ATEX1601 X

Change #3, 54529

On page 26, under **General Specifications** add the following:

Operating altitude: 3000 meters maximum

On page 27, under **Product Compliance Markings**, replace the fourth line with the following:

Manufactured by Martel Electronics, Inc.
3 Corporate Park Drive
Derry, NH USA

Change #4, 58415

On page 25, add the following to the end of the **Pressure Sensor Input** Table:

Where in a 3V/m radiated EM field ≥ 350 MHz, Pressure Accuracy is 1 % of range.

On page 26, add the following to the end of the **DC mA Input** Table:

Where in a 3V/m radiated EM field ≥ 350 MHz, add 0.1 % to mA input accuracy.


Change #5, 60644

On page 25, replace the **Pressure Sensor Input** Table and add the Note:

Pressure Sensor Input

Model	Range	Accuracy	Max Non-destructive Pressure
30G	-12 to 30 psi (-83 to 207 kPa)	± 0.025 % of range (6 month)	60 psi (413 kPa)
100G	-12 to 100 psi (-83 to 690 kPa)	± 0.035 % of range (1 year)	200 psi (1.4 mPa)
300G	-12 to 300 psi (-83 to 2068 kPa)	± 0.05 % of range (1 year)	375 psi (2.6 mPa)
Temperature coefficient: 0.01 % of range per °C for temperature ranges -10 °C to 18 °C and 28 °C to 55 °C			

Note

Specifications apply to the 718Ex Pressure Calibrators with firmware version 2.0 or greater. To verify the firmware version, press and hold  and power on the Calibrator.