Model Number 176M12

CHARGE OUTPUT PRESSURE SENSOR

[2][3] [4]

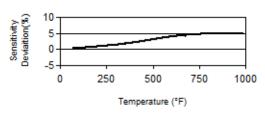
[1]

Revision: F ECN #: 46623

<u>ENGLISH</u>	<u>SI</u>
17 pC/psi	247 pC/bar
20 psi	1.4 bar
400 psi	27.6 bar
>30 kHz	>30 kHz
≥ 3 kHz	≥ 3 kHz
1.5 kHz	1.5 kHz
≤ 1 % FS	≤ 1 % FS
≤ 0.01 psi/g	≤ .00069 bar/g
-94 to 986 °F	-70 to 530 °C
-76 to 500 °F	-60 to 260 °C
See Graph	See Graph
See Manual	See Manual
1E8 rad	1E8 rad
1E10 N/cm ²	1E10 N/cm ²
Differential	Differential
<165 pF	<165 pF
≥ 10 ¹² Ohm	≥ 10 ¹² Ohm
≥ 10 ¹² Ohm	≥ 10 ¹² Ohm
≥ 50 kohm	≥ 50 kohm
≥ 100 kohm	≥ 100 kohm
UHT-12™	UHT-12™
Compression	Compression
Nickel Alloy	Nickel Alloy
Welded Hermetic	Welded Hermetic
7/16-27 2-Pin	7/16-27 2-Pin
Overbraided Hardline	Overbraided Hardline
11.1 oz	315 gm
	17 pC/psi 20 psi 400 psi >30 kHz ≥ 3 kHz 1.5 kHz ≤ 1 % FS ≤ 0.01 psi/g -94 to 986 °F -76 to 500 °F See Graph See Manual 1E8 rad 1E10 N/cm² Differential <165 pF ≥ 10 ¹² Ohm ≥ 10 ¹² Ohm ≥ 100 kohm UHT-12™ Compression Nickel Alloy Welded Hermetic 7/16-27 2-Pin Overbraided Hardline

Typical Sensitivity Deviation vs Temperature









All specifications are at room temperature unless otherwise specified.

In the interest of constant product improvement, we reserve the right to change specifications without notice.

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OPTIONAL VERSIONS

Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.

NOTES:

- [1] Typical.
- [2] Low frequency response is determined by external signal conditioning electronics.
 [3] Upper frequency response is calculated from Resonant Frequency.

- [5] See PCB Declaration of Conformance PS058 for details.

Entered: LK	Engineer: GJR	Sales: JC	Approved: BAM	Spec Number:
Date: 3/30/2017	Date: 3/30/2017	Date: 3/30/2017	Date: 3/30/2017	41205



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