

Model Number 140A18	CHARGE OUTPUT PRESSURE SENSOR	Revision: C ECN #: 36652
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	<u>ENGLISH</u>	<u>SI</u>	
Performance			
Sensitivity(± 25 %)	10 pC/lb	2.248 pC/N	
Measurement Range	500 lb	3335 N	
Maximum Static Force	3000 lb	13,344 N	
Non-Linearity	≤ 1.0 % FS	≤ 1.0 % FS	[1]
Environmental			
Temperature Range(Operating)	-65 to +500 °F	-54 to +260 °C	
Electrical			
Output Polarity(Positive Pressure)	Negative	Negative	
Capacitance	25 pF	25 pF	
Physical			
Mounting Torque	25 to 30 ft-lb	34 to 41 N-m	
Size (Height x ID x OD)	0.140 in x 0.715 in x 1.02 in	3.6 mm x 18.2 mm x 25.9 mm	
Housing Material	Stainless Steel	Stainless Steel	
Sealing	Welded Hermetic	Welded Hermetic	
Electrical Connector	10-32 Coaxial Jack	10-32 Coaxial Jack	

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] Zero-based, least-squares, straight line method.

SUPPLIED ACCESSORIES:
Model 003AA03AA Cable
Model 080M188 (1)

Entered: DMW	Engineer: APB	Sales: RWM	Approved: RPF	Spec Number:
Date: 8/12/2011	Date: 8/12/2011	Date: 8/12/2011	Date: 8/12/2011	2835

*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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