

Ordering Information

AST2000 F 00500 B 1 F 1 000

Series
AST2000

Pressure Ports
F= 7/16-20 UNF Male [SAE 4]
M= 3/8-24 UNF Male [SAE 3]

Pressure Range
00020= 20 Bar
00448= 448 Bar
00500= 500 Bar
00700= 700 Bar
00900= 900 Bar

Pressure Unit
B= Bar

Output
1 = 0.5-4.5V ratiometric [5VDC supply]

Electrical
F= Packard Metripack 150

Wetted Material
1= 316L

Options
000= No Options
379= Hydrogen Accuracy Package (+/- 1% of FS)
417= Hydrogen Accuracy Package (+/- 1% of FS) with Stainless Steel Snubber
384= High Accuracy

Test Performed			
<i>The tests performed are marked as "X" in the following table. The test conditions, parameters, and details are described in the Annex 1. (Test Report) to Technical Report No. KS1011296 dated 2011-01-04.</i>			
No.	Type of Test	EU 406/2010 Annex IV	Remark
1	General Requirements	Part 3 Sect. 2	X
2	Technical Requirements	Part 3 Sect. 3	X
3	Hydrogen Compatibility Test	Part 3 Sect. 4.1.1	X
4	Ageing Test*	Part 3 Sect. 4.1.2	X
5	Ozone Compatibility Test**	Part 3 Sect. 4.1.3	Not Applicable
6	Corrosion Resistance Test	Part 3 Sect. 4.2.1	X
7	Endurance Test	Part 3 Sect. 4.2.2	X
8	Hydraulic Pressure Cycle Test	Part 3 Sect. 4.2.3	X
9	Internal Leakage Test	Part 3 Sect. 4.2.4	Not Applicable
10	External Leakage Test	Part 3 Sect. 4.2.5	X
11	Isolation Resistance Testing	ECE R110 Rev. 1	X
12	EMC Compatibility Testing	ECE R110 Rev. 1	X
13	Review of Information Documentation	EU 406/2010 Annex II Part 1	X

* Test applies only for non-metallic materials ** Test applies only to elastomer materials where either a sealing surface is exposed directly to air or if used as a flexible fuel line cover.

Dimensional Data



Warranty

Workmanship - AST, Inc. pressure transmitters have a limited one-year warranty to the original purchaser. AST, Inc. will replace or repair, free of charge, any defective transmitter. This warranty does not apply to any units that have been modified; misused, neglected or installed where the application exceeds published ratings. AST's sensors are made with pride in New Jersey, USA. If in the area please feel free to stop by for a visit!

Installation/Applications - The purchaser is responsible for media compatibility, functional adequacy, and correct installation of the transmitter.

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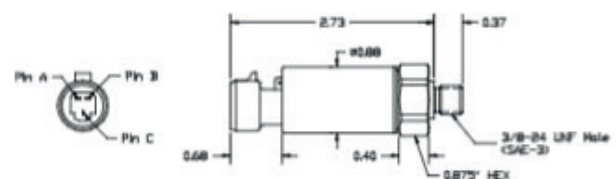
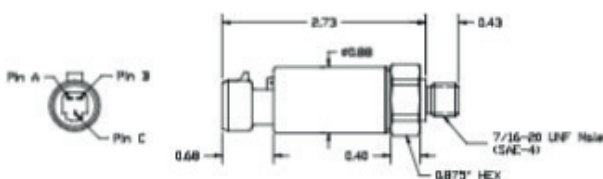
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