



Ordering Information

AST4000 A 00500 P 4 E 0 000

Series Type

Process Connection

A= 1/4" NPT Male
B= 1/8" NPT Male**
C= 1/4" BSPP Male
F= 7/16" - 20 UNF Male**
K= SAE4 Female
(use option codes 006 or 143)
P= 1/2" MNPT

Pressure Code: Insert 5-digit pressure code

Pressure Unit

B= Bar K= kg/cm² P= PSI

Outputs

1= 0.5-4.5V ratiometric 6= 1-6V
3= 1-5V A= 10mV/V
4= 4-20mA (2 wire loop powered)

Electrical (Wiring information available at: <http://www.astensors.com/wiring.php>)

A= 2 ft. (0.6m) G= 4-pin Molex Conn. (No housing)
B= 4 ft. (1.2m) I= DIN 43650A
C= 6 ft. (1.8m) K= DT04 Deutsch 3-Pin
D= 10 ft. (3.0m) X= Special
E= Mini DIN 43650 Y= M12 Eurofast
F= Packard Metripack Z= DT04 Deutsch 4-Pin
150 3-Pin Conn.

Wetted Material

0= 17-4PH 1= 316L 2= Inconel 718*

Options

000 = No Options
006= Schrader Depressor Pin+
009= Sealed Gauge Reference*
094= Impulse Subsea Connection & all 316L wetted material
(use with X electrical connection and 1 for wetted materials)*
117= Internal Restrictor Plug*
143= Schrader Depressor Pin & Sealed Gauge References+
165= Internal Restrictor Plug & Sealed Gauge References*

*Consult factory on availability

** Not available under 50PSI (1/8" NPT Male not available in 316L)

+Options only available with SAE4 Female Pressure Port option "K."

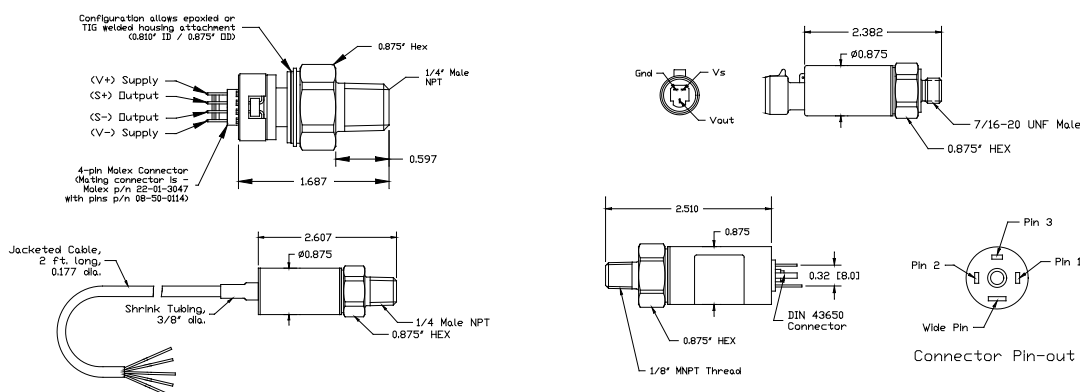
Pressure Ranges*

PSIG Measurement	Pressure Code	BARG Measurement	Pressure Code
-14.7 to 25**	V0025**	-1 to 2**	V0002**
0-25	00025	0-2	00002
0-50	00050	0-5	00005
0-100	00100	0-7	00007
0-150	00150	0-10	00010
0-200	00200	0-20	00020
0-250	00250	0-35	00035
0-500	00500	0-50	00050
0-1,000	01000	0-70	00070
0-2,500	02500	0-100	00100
0-5,000	05000	0-250	00250
0-7,500	07500	0-350	00350
0-10,000	10000	0-500	00500
		0-700	00700

*All pressures between 0-25 PSI and 0-10,000 PSI available.

**Compound ranges up to -14.7 to 500 PSI available. Please consult factory.

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.