

High Pressure Transducers

Model HP

TO 100,000 PSI

0.05% ACCURACY

AE F250-C PORT

AMPLIFIED OUTPUT AVAILABLE



The High Pressure Transducer Model HP is designed to accept extreme pressure ranges of up to 100,000 psi. Equipped with a special blow out plug in its outer case, this transducer will allow the excess pressure to gradually leak out should the pressure element rupture. These transducers operate in a wide temperature range from -65° F through 250° F. Temperature effects on span and zero are 0.005% each and a full scale accuracy of 0.5% is achieved.

PERFORMANCE

Model HP Order Code BP521	
Pressure Ranges	50,000 to 100,000 psi
Accuracy.....	±0.5% F.S.
Output.....	1mV/V

ENVIRONMENTAL

Temperature, Operating.....	-65° F to 250° F
Temperature, Compensated ..	60° F to 160° F
Temperature Effect	
-Zero (max)005% F.S./° F
-Span (max)005 Rdg./° F

ELECTRICAL

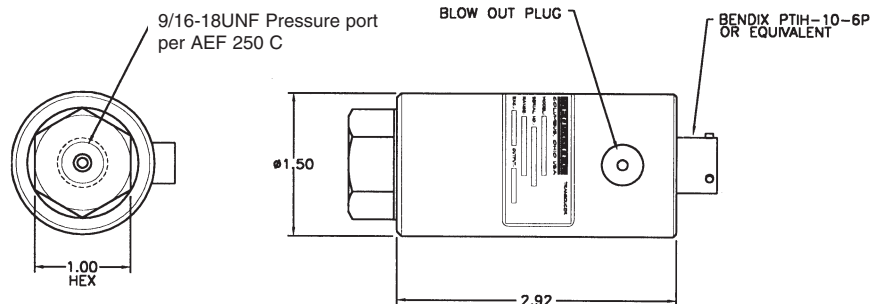
Excitation (calibration)	10VDC
Bridge Resistance	350 ohms
Wiring Code (std)	#2 (See Pg. AP-8)
Electrical Termination.....	Bendix PTIH-10-6P or equivalent

Dimensions

Model HP (Order Code BP521)

Available Ranges*

50,000; 75,000; 100,000 psi



Options (See Appendix)

*For pressure ranges 75,000 psi or above, consult factory for pressure port information.

Temperature compensated 1b, 1c, 1d, 1f; Internal amp 2a, 2j; Electrical termination 6b, 6e, 6f, 6g, 6h; Int. shunt cal 8a; Signature calibration 53e

Premium Options: 1i; 6i

Accessories: Mating connectors and connector/cable assemblies