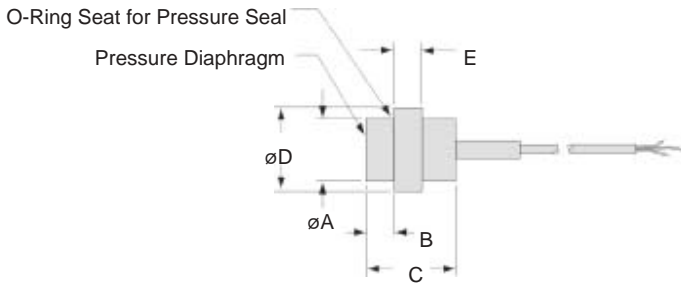


Model G Subminiature, Flush Diaphragm Pressure Transducer

Order Code BP386; BP387

- 10 to 20,000 psig Range
- Flush Mount Design
- High Frequency
- mV/V Output
- Sub-miniature Footprint
- 1% Accuracy



Wiring Code

Cable/ Unamplified

- Red (+) Excitation
- Black (-) Excitation
- Green (-) Output
- White (+) Output

Dimensions

Order Code	Range (psig)	øA (in.)	B (in.)	C (in.)	øD (in.)	E (in.)	Diaphragm
BP386	150 to 15,000	0.310	0.15	0.47	0.44	0.15	Welded
BP387	150 to 20,000	0.375	0.15	0.47	0.50	0.15	Welded

Performance

Pressure Ranges	150; 200; 250; 300; 400; 500; 600; 750; 1000; 1500; 2000; 2500; 3000; 4000; 5000; 6000; 7500; 10,000; 15,000; 20,000 psig
Accuracy (note 1)	1.0% Full Scale
Linearity	+/-1.0% Full Scale
Hysteresis	+/-1.0% Full Scale
Non-Repeatability	+/-0.1% Full Scale
Output	2 mV/V
Resolution	Infinite

Environmental

Temperature, Operating	-65° to 300°F
Temperature, Compensated	60° to 160°F
Temperature, Effect	
Zero	0.01% Full scale/ °F
Span	0.02% Reading/ °F

Model G

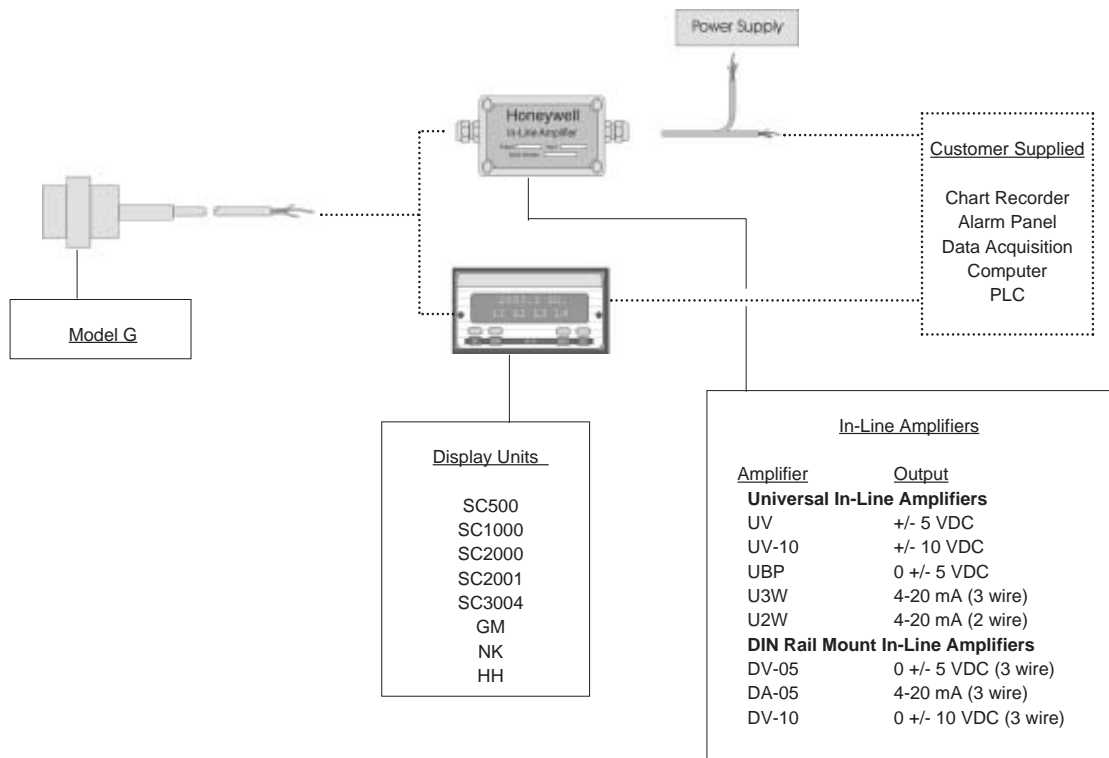
Electrical

Strain Gage Type.....Bonded foil
 Excitation (calibration).....5 VDC
 Bridge Resistance.....350 Ohms
 Shunt Calibration Data.....Included
 Electrical Termination (std).....4 twisted leads (5 ft.) with external balance board
 Proof Pressure.....Not Applicable

Mechanical

Media.....Gases, Liquids compatible with wetted material
 Overload-Safe.....50% over capacity
 Wetted Parts Material.....17-4 PH Stainless Steel
 Case Material.....Stainless Steel

Typical System Diagram



Model G

Options

	Built to Order	Built from Scratch
Pressure Ranges	150; 200; 250; 300; 400; 500; 600; 750; 1000; 1500; 2000; 2500; 3000; 4000; 5000; 6000; 7500; 10,000 psig	15,000; 20,000 psig
Temperature Compensation	1a. 60° to 160° F 1b. 30° to 130° F 1c. 0° to 185° F 1f. 70° to 250° F 1d. -20° to 130° F 1e. -20° to 200° F 1g. 70° to 325° F 1i. -65° to 250° F	
Internal Amplifiers	2u. Unamplified, mV/V Output	
Electrical Termination	4 Twisted Leads (5 ft.) 6d. Microtec DR-4S-4H 4 pin (max. 250° F) (note 2)	

 Supplied as standard

Range Codes

Range	Range Code	Range	Range Code
150 psig	CJ	2,000 psig	DL
200 psig	CL	2,500 psig	DM
250 psig	CN	3,000 psig	DN
300 psig	CP	5,000 psig	DR
400 psig	CQ	6,000 psig	DS
500 psig	CR	7,500 psig	DT
600 psig	CS	10,000 psig	DV
750 psig	CT	15,000 psig	EJ
1,000 psig	CV	20,000 psig	EL
1,500 psig	DJ		

Notes

1. Accuracies stated are expected for Best Fit Straight Line for all errors, including linearity, hysteresis & non-repeatability thru zero.
2. Only available on certain models, consult factory.

Special Customer Requirements (Consult Factory)

- Extended temperature ranges
- Different electrical connectors
- Different materials
- O ring material
- O₂ Clean
- Radiation proof
- Special temperature compensation
- Temperature and pressure calibration
- Low Pressure Ranges

How to Order

Combine the order code, the range code and the options code.

Sample Code: **BP386** **CN** **1c**
 Order Code Range Code Options Code