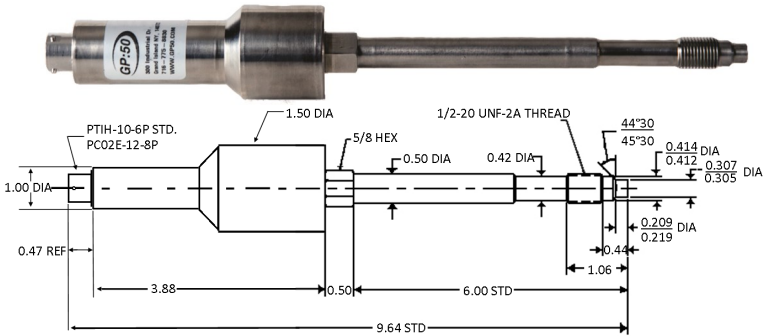


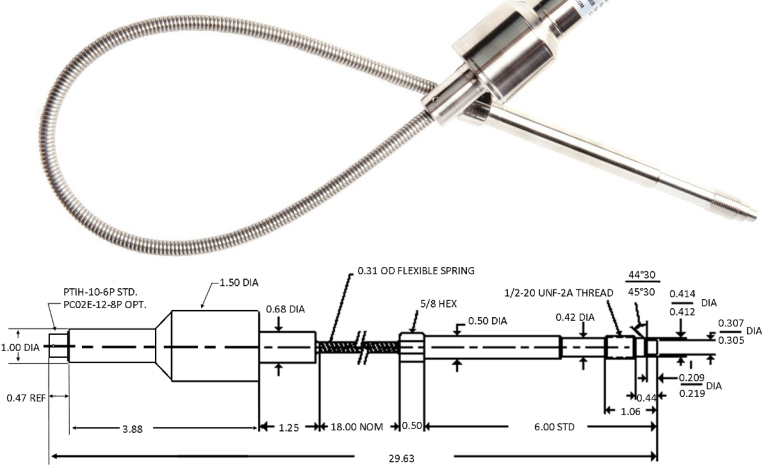
V-SERIES - Standard Accuracy

STANDARD ACCURACY MELT PRESSURE TRANSDUCER / TRANSMITTER MODELS V162, V163, V164 / V262, V263, V264 / V362, V363, V364

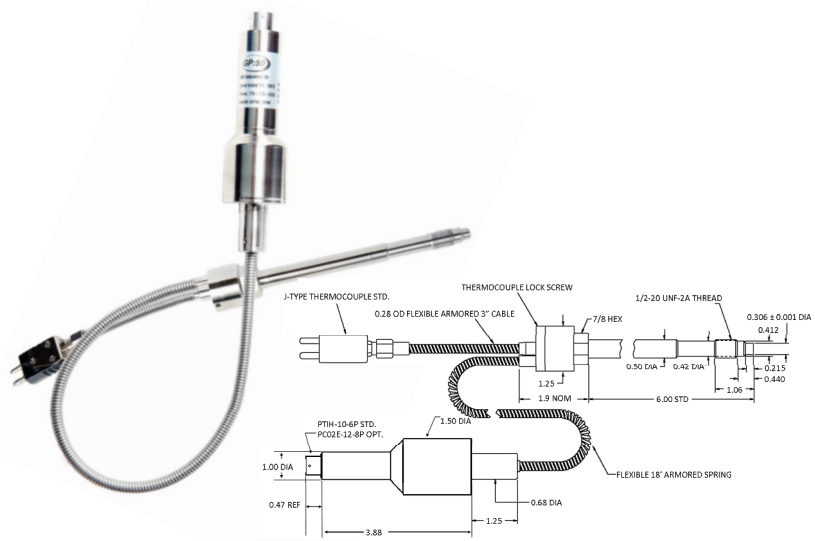
Model V62, Rigid Stem Only



Model V63 Rigid Stem with COIL-FLEX™ Capillary



Model V64 Combination Temperature and Pressure



A signature performance attribute of GP:50 Melt Pressure sensing instrumentation is its capability to maintain full service life performance accuracy. To ensure this, each transducer design incorporates a specialty tip diaphragm with a proprietary advanced matched system. This ensures that individual sensor components maintain structural integrity and maximum response. In addition, each GP:50 Melt Pressure sensor is manufactured from only the highest grade specialty metals. This approach ensures consistent sensor mechanical functionality with increased cycles. It also eliminates the unwanted effects of short-term hysteresis that are common to other industry models.

FEATURES

- ◆ Completely Welded Stainless Construction
- ◆ Interchangeable with existing sensors
- ◆ High-quality, superior electronics
- ◆ Vibration Protected Housing
- ◆ Auto Zero calibration option (200 & 300 units)
- ◆ Advanced diaphragm for increased cycles

PRESSURE RANGES

From 0-500 to 0-30,000 PSI
(see ordering guide)

ACCURACY

±0.50% Standard FSO

MADE IN THE U.S.A.

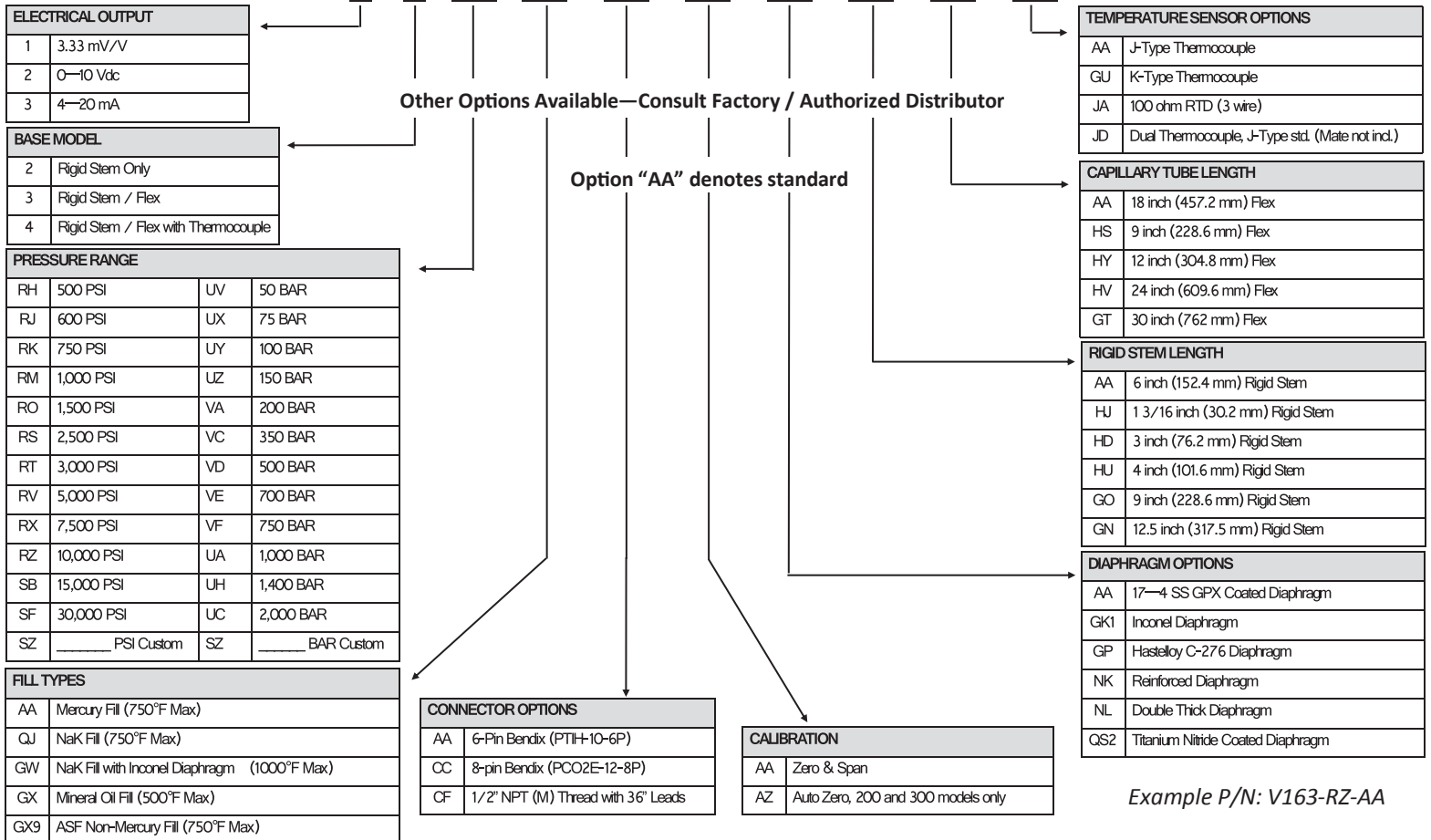
MODELS V162, V163, V164 / V262, V263, V264 / V362, V363, V364

SPECIFICATIONS

Full Scale Pressure Ranges	See ordering guide			
Accuracy	±0.50% FSO Accuracy,			
Material in Contact with Pressure Media	17-4 PH Stainless Steel diaphragm with GPX coating, optional diaphragm materials available			
Proof Pressure	2 times the full scale pressure range up to 35,000 PSI			
Temperature Limits	Diaphragm 750°F (400°C)	Strain Gauge Housing 176°F (80°C)		
Temperature Effects	From Diaphragm Zero—15 PSI / 100°F	From Strain Gauge Housing Zero / Span—Less than ±1.0% FSO / 100°F (±2.0% FSO / 100°C)		
Electricals		(V100 Models—3.33 mV/V)	(V200 Models—0-10 Vdc)	(V300 Models—4-20 mA)
	Excitation Voltage	3.5—15 Vdc	14—36 Vdc	14-36 Vdc
	Output at 70°F	3.33 mV/V ±2.0% FSO	10.0 Vdc ±2.0% FSO	4-20 mA ±2.0% FSO
	Input Impedance	350 ohm, nominal		
	Input Current		8 mA, nominal	
	Output Current		2.0 mA maximum for less than 0.1% FSO attenuation	
	Load Impedance	50,000 ohms minimum for less than 0.1% FSO attenuation		1350 ohms max, at 36 Vdc and 750 ohms 24 Vdc
Zero Balance	0.0 mV/V ±5.0% FSO at 70°F	0.0 Vdc ±5.0% FSO at 70°F	4.0 mA ±5.0% FSO at 70°F	
Range Calibration Signal	80% ±5.0% FSO	80% ±5.0% FSO	80% ±5.0% FSO	
Connections	Pressure 1/2" - 20—UNF—2A, other connections available	Electrical PTIH—10—6P standard, 8-pin and other connectors available		
Enclosed Materials	316 Stainless Steel			
Mounting Torque	180-200 inch pounds, 500 inch pounds thread limitation			

ORDERING GUIDE

MODEL: VX 6X—XX—XX / XX / XX / XX / XX / XX / XX

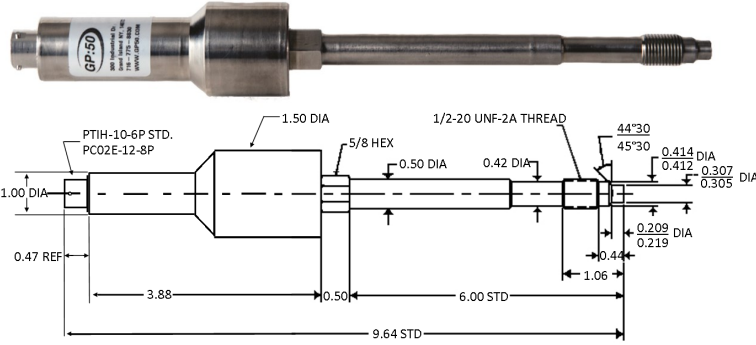


Example P/N: V163-RZ-AA

V-SERIES Premium Accuracy

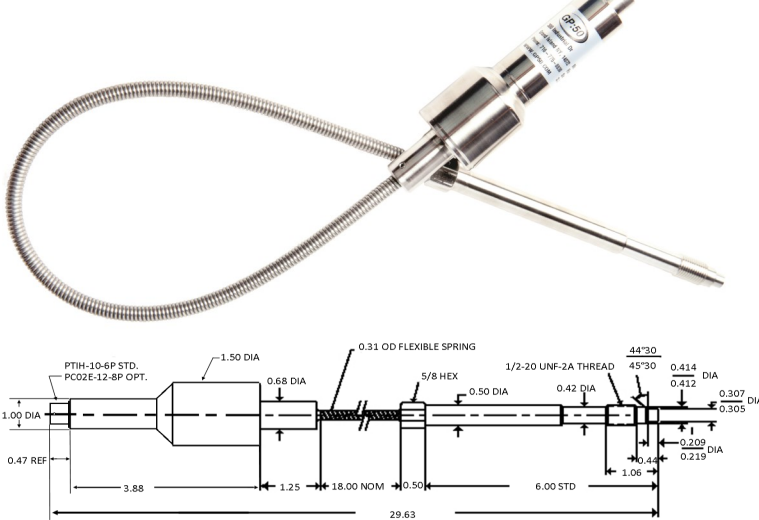
PREMIUM ACCURACY MELT PRESSURE TRANSDUCER / TRANSMITTER MODELS V130, V131, V135 / V230, V231, V235 / V330, V331, V335

Model V30, Rigid Stem Only



A signature performance attribute of GP:50 Melt Pressure sensing instrumentation is its capability to maintain full service life performance accuracy. To ensure this, each transducer design incorporates a specialty tip diaphragm with a proprietary advanced matched system. This ensures that individual sensor components maintain structural integrity and maximum response. In addition, each GP:50 Melt Pressure sensor is manufactured from only the highest grade specialty metals. This approach ensures consistent sensor mechanical functionality with increased cycles. It also eliminates the unwanted effects of short-term hysteresis that are common to other industry models.

Model V31 Rigid Stem with COIL-FLEX™ Flexible Capillary



FEATURES

- ◆ Completely Welded Stainless Construction
- ◆ Interchangeable with existing sensors
- ◆ High-quality, superior electronics
- ◆ Vibration Protected Housing
- ◆ Auto Zero calibration option (200 & 300 units)
- ◆ Advanced diaphragm for increased cycles

PRESSURE RANGES

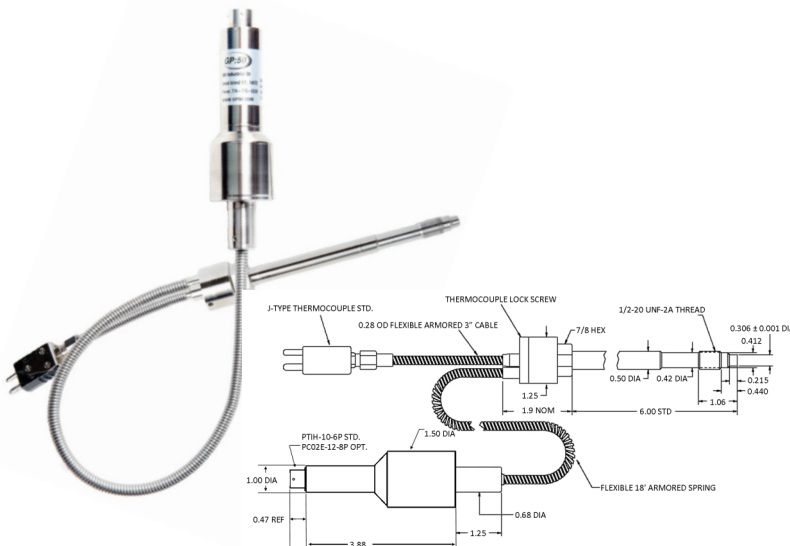
From 0-500 to 0-30,000 PSI

(see ordering guide)

ACCURACY

±0.25% Premium FSO

Model V64 Combination Temperature and Pressure



MADE IN THE U.S.A.

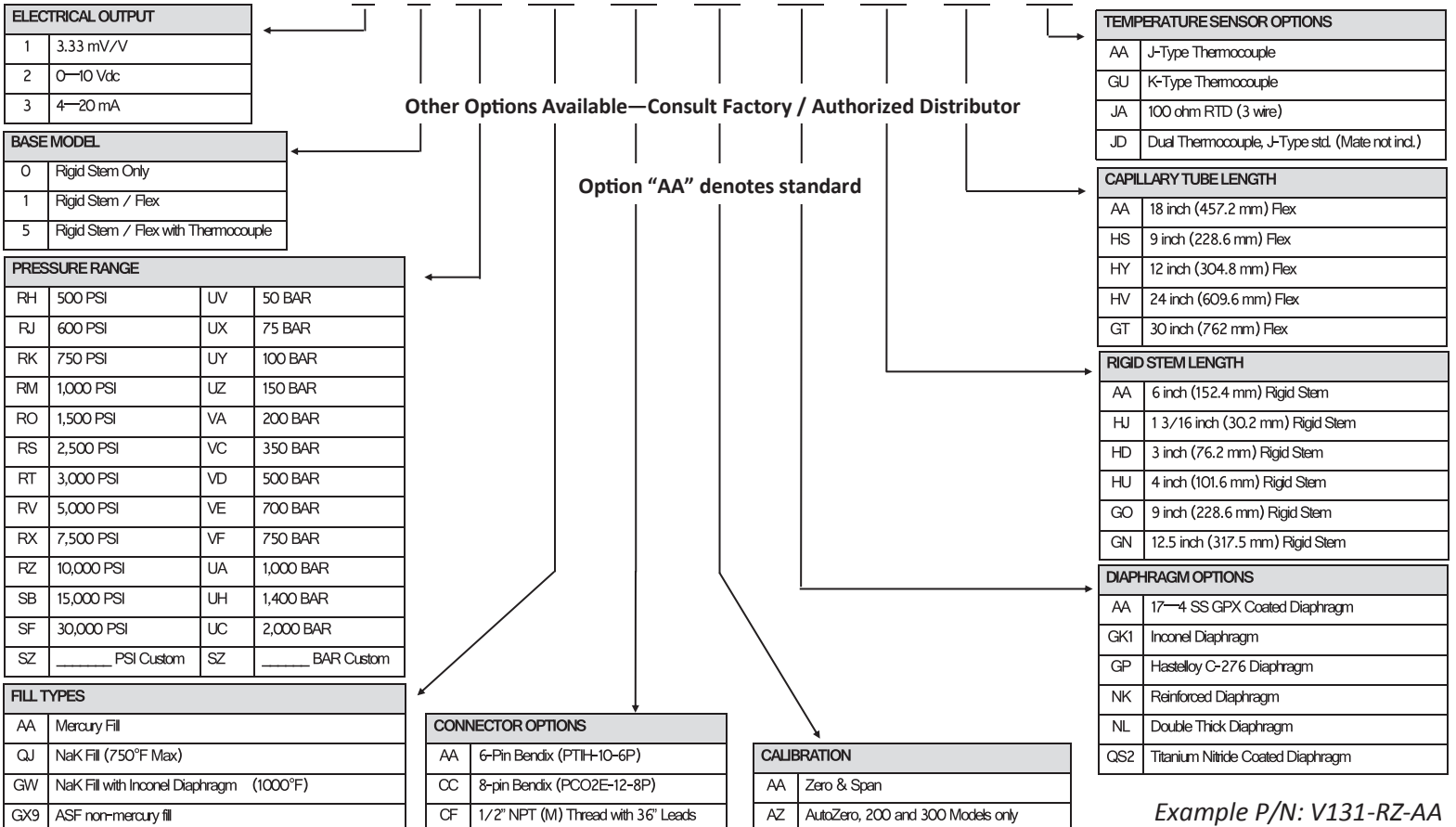
MODELS V130, V131, V135 / V230, V231, V235 / V330, V331, V335

SPECIFICATIONS

Full Scale Pressure Ranges	See ordering guide			
Accuracy	±0.25% FSO Accuracy,			
Material in Contact with Pressure Media	17-4 PH Stainless Steel diaphragm with GPX coating, optional diaphragm materials available			
Proof Pressure	2 times the full scale pressure range up to 35,000 PSI			
Temperature Limits	Diaphragm 750°F (400°C)	Strain Gauge Housing 176°F (80°C)		
Temperature Effects	From Diaphragm Zero—15 PSI / 100°F	From Strain Gauge Housing Zero / Span—Less than ±1.0% FSO / 100°F (±2.0% FSO / 100°C)		
Electricals		(V100 Models—3.33 mV/V)	(V200 Models—0-10 Vdc)	(V300 Models—4-20 mA)
	Excitation Voltage	3.5—15 Vdc	14—36 Vdc	14-36 Vdc
	Output at 70°F	3.33 mV/V ±2.0% FSO	10.0 Vdc ±2.0% FSO	4-20 mA ±2.0% FSO
	Input Impedance	350 ohm, nominal		
	Input Current		8 mA, nominal	
	Output Current		2.0 mA maximum for less than 0.1% FSO attenuation	
	Load Impedance	50,000 ohms minimum for less than 0.1% FSO attenuation		1350 ohms max, at 36 Vdc and 750 ohms 24 Vdc
	Zero Balance	0.0 mV/V ±5.0% FSO at 70°F	0.0 Vdc ±5.0% FSO at 70°F	4.0 mA ±5.0% FSO at 70°F
Range Calibration Signal	80% ±5.0% FSO	80% ±5.0% FSO	80% ±5.0% FSO	
Connections	Pressure 1/2" - 20—UNF—2A	Electrical PTIH—10—6P standard, 8-pin and other connectors available		
Enclosed Materials	316 Stainless Steel			
Mounting Torque	180-200 inch pounds, 500 inch pounds thread limitation			

ORDERING GUIDE

MODEL: VX 3X—XX—XX / XX / XX / XX / XX / XX / XX



Example P/N: V131-RZ-AA