

# MELT PRESSURE TRANSDUCERS



Rigid Style is the same as the Standard 18" Flex, minus the capillary



Standard 18" Flex features a 6" rigid stem with an 18" flex armor capillary

## STANDARD SPECIFICATIONS

### Mechanical

**Pressure Ranges:** 0-1,500 psi to 0-15,000 psi  
**Mounting:** 1/2"-20 UNF Thread  
**Mounting Torque:** 500 inch pounds maximum  
**Diaphragm Material:** 15-5PH Stainless Steel  
**Overload Capacity:** 2 times FSO  
**Temperature Ratings:** Diaphragm 750 F  
Electronics 225 F

**Accuracy:** General Purpose <.5% FSO  
Laboratory <.25% FSO

**Repeatability:** Better than .15% FSO

### Electrical

**Type:** Bonded Strain Gage,  
4 Leg Wheatstone Bridge  
**Bridge Resistance:** 350 ohm +/-5%  
**Connector:** 6 pin Bendix Style Bayonet

**Output:** 3.3mV/Volt

**Excitation Voltage:** mV/Volt-10Vdc  
4-20mA-24Vdc  
0-10Vdc-24Vdc

**Internal Calibration:** 80% of Full Scale Output  
**Insulation Resistance:** 1,000 Mohms @ 50Vdc

◆ 3 Styles

◆ 2 Accuracy Grades



Standard 18" Flex Transducer **with thermocouple option**

## Melt Pressure Transducers

Style	Grade	Rigid Stem Length	Output Type	Pressure Range	Thermo-couple
Rigid	General Purpose	6"	Transducer - 3.3mV/Volt	0-3,000 psi	-
Rigid	General Purpose	6"	Transducer - 3.3mV/Volt	0-5,000 psi	-
Rigid	General Purpose	6"	Transducer - 3.3mV/Volt	0-10,000 psi	-
Rigid	General Purpose	6"	Transducer - 3.3mV/Volt	0-15,000 psi	-
Standard 18" Flex	General Purpose	6"	Transducer - 3.3mV/Volt	0-3,000 psi	-
Standard 18" Flex	General Purpose	6"	Transducer - 3.3mV/Volt	0-5,000 psi	-
Standard 18" Flex	General Purpose	6"	Transducer - 3.3mV/Volt	0-10,000 psi	-
Standard 18" Flex	General Purpose	6"	Transducer - 3.3mV/Volt	0-15,000 psi	-
Standard 18" Flex	General Purpose	6"	Transmitter - 4-20 mA	0-3,000 psi	-
Standard 18" Flex	General Purpose	6"	Transmitter - 4-20 mA	0-5,000 psi	-
Standard 18" Flex	General Purpose	6"	Transmitter - 4-20 mA	0-10,000 psi	-
Standard 18" Flex	General Purpose	6"	Transmitter - 4-20 mA	0-15,000 psi	-
Standard 18" Flex	General Purpose	6"	Transmitter - 0-10 Vdc	0-3,000 psi	-
Standard 18" Flex	General Purpose	6"	Transmitter - 0-10 Vdc	0-5,000 psi	-
Standard 18" Flex	General Purpose	6"	Transmitter - 0-10 Vdc	0-10,000 psi	-
Standard 18" Flex	General Purpose	6"	Transmitter - 0-10 Vdc	0-15,000 psi	-
Standard 18" Flex	General Purpose	6"	Transducer - 3.3mV/Volt	0-3,000 psi	Type J
Standard 18" Flex	General Purpose	6"	Transducer - 3.3mV/Volt	0-5,000 psi	Type J
Standard 18" Flex	General Purpose	6"	Transducer - 3.3mV/Volt	0-10,000 psi	Type J
Standard 18" Flex	General Purpose	6"	Transducer - 3.3mV/Volt	0-15,000 psi	Type J
Standard 18" Flex	General Purpose	6"	Transmitter - 4-20 mA	0-3,000 psi	Type J
Standard 18" Flex	General Purpose	6"	Transmitter - 4-20 mA	0-5,000 psi	Type J
Standard 18" Flex	General Purpose	6"	Transmitter - 4-20 mA	0-10,000 psi	Type J
Standard 18" Flex	General Purpose	6"	Transmitter - 4-20 mA	0-15,000 psi	Type J
Standard 18" Flex	General Purpose	6"	Transmitter - 0-10 Vdc	0-3,000 psi	Type J
Standard 18" Flex	General Purpose	6"	Transmitter - 0-10 Vdc	0-5,000 psi	Type J
Standard 18" Flex	General Purpose	6"	Transmitter - 0-10 Vdc	0-10,000 psi	Type J
Standard 18" Flex	General Purpose	6"	Transmitter - 0-10 Vdc	0-15,000 psi	Type J
Rigid	Laboratory	6"	Transducer - 3.3mV/Volt	0-1,500 psi	-
Rigid	Laboratory	6"	Transducer - 3.3mV/Volt	0-3,000 psi	-
Rigid	Laboratory	6"	Transducer - 3.3mV/Volt	0-5,000 psi	-
Rigid	Laboratory	6"	Transducer - 3.3mV/Volt	0-10,000 psi	-
Rigid	Laboratory	6"	Transducer - 3.3mV/Volt	0-15,000 psi	-
Standard 18" Flex	Laboratory	6"	Transducer - 3.3mV/Volt	0-1,500 psi	-
Standard 18" Flex	Laboratory	6"	Transducer - 3.3mV/Volt	0-3,000 psi	-
Standard 18" Flex	Laboratory	6"	Transducer - 3.3mV/Volt	0-5,000 psi	-
Standard 18" Flex	Laboratory	6"	Transducer - 3.3mV/Volt	0-10,000 psi	-
Standard 18" Flex	Laboratory	6"	Transducer - 3.3mV/Volt	0-15,000 psi	-
Standard 18" Flex	Laboratory	6"	Transducer - 3.3mV/Volt	0-1,500 psi	Type J
Standard 18" Flex	Laboratory	6"	Transducer - 3.3mV/Volt	0-3,000 psi	Type J
Standard 18" Flex	Laboratory	6"	Transducer - 3.3mV/Volt	0-5,000 psi	Type J
Standard 18" Flex	Laboratory	6"	Transducer - 3.3mV/Volt	0-10,000 psi	Type J
Standard 18" Flex	Laboratory	6"	Transducer - 3.3mV/Volt	0-15,000 psi	Type J