



# Melt Pressure Transducers & Transmitters

*Rapidly becoming the preferred choice of cost conscious plastic processors!*

Deliver **EXCEPTIONAL**

- FUNCTIONALITY
- ACCURACY
- REPEATABILITY
- RELIABILITY

at prices **substantially below the competition!**

Incorporate a tried and proven liquid filled capillary design which:

- provides an electronic signal which is proportional to the measured pressure
- allows the transducer to operate at process temperatures up to 750° F (400° C)

Fully compatible (without rewiring) with:

- Industry standard wiring pattern and color coding
- Existing transducers utilizing a 6 pin bayonet connector
- Industry standard 80% output calibration

## STANDARD UNIT 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 type

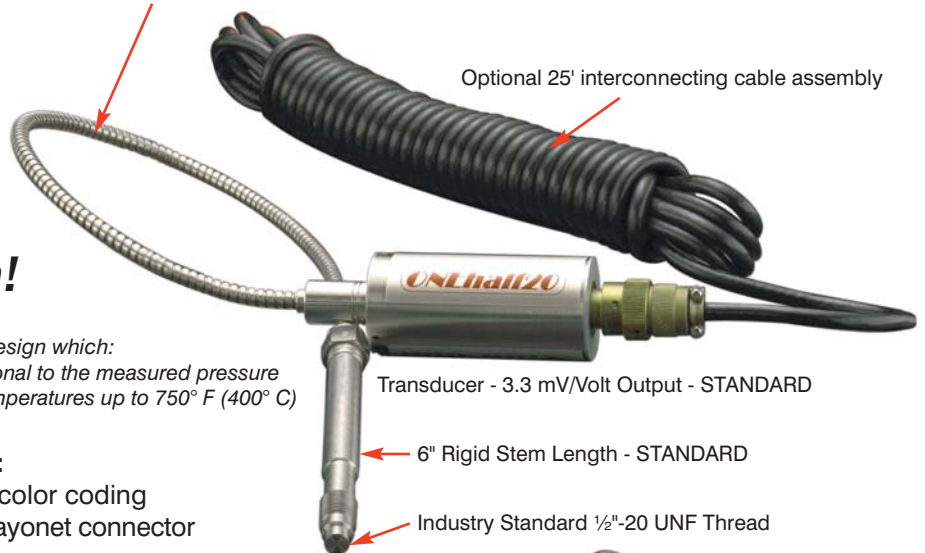
**Output:** 3.3mV/Volt

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

**Internal Calibration:** 80% of Full Scale Output

**Insulation Resistance:** 1,000 Mohms @ 50Vdc

18" long armor-encased Capillary  
allows electronics to be mounted away from heat and vibration



Transducer - 3.3 mV/Volt Output - STANDARD

6" Rigid Stem Length - STANDARD

Industry Standard 1/2"-20 UNF Thread

CT - Classic Style features a 6" rigid stem with 18" flex armor capillary

RT - Rigid Style is the same as the CT Style, minus the capillary

★ 2 Styles  
★ 2 Accuracy Grades

CT Style Transducer with thermocouple option



**See next page for Standard Unit Prices, Options and Accessories**

NOTE: Contains mercury. Non-mercury transducers also available — Call NOW!



[www.imscompany.com](http://www.imscompany.com)

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**1.888.288.6900**

**001.888.304.1307**

**1.866.467.9001**

**sales@imscompany.com**



Item #	Style	Grade	Rigid Stem Length	Output Type	Pressure Range	Thermo-couple	Prices	
131885	Rigid	General Purpose	6"	Transducer - 3.3 mV/Volt	0-3,000 psi	-	\$595.85	
131886	Rigid	General Purpose	6"	Transducer - 3.3 mV/Volt	0-5,000 psi	-	595.85	
131887	Rigid	General Purpose	6"	Transducer - 3.3 mV/Volt	0-10,000 psi	-	595.85	
131888	Rigid	General Purpose	6"	Transducer - 3.3 mV/Volt	0-15,000 psi	-	595.85	
131889	Classic	General Purpose	6"	Transducer - 3.3 mV/Volt	0-3,000 psi	-	595.85	
131890	Classic	General Purpose	6"	Transducer - 3.3 mV/Volt	0-5,000 psi	-	595.85	
131891	Classic	General Purpose	6"	Transducer - 3.3 mV/Volt	0-10,000 psi	-	595.85	
131892	Classic	General Purpose	6"	Transducer - 3.3 mV/Volt	0-15,000 psi	-	595.85	
131893	Classic	General Purpose	6"	Transmitter - 4-20 mA	0-3,000 psi	-	\$730.80	
131894	Classic	General Purpose	6"	Transmitter - 4-20 mA	0-5,000 psi	-	730.80	
131988	Classic	General Purpose	6"	Transmitter - 4-20 mA	0-10,000 psi	-	730.80	
131989	Classic	General Purpose	6"	Transmitter - 4-20 mA	0-15,000 psi	-	730.80	
131990	Classic	General Purpose	6"	Transmitter - 0-10 Vdc	0-3,000 psi	-	730.80	
131991	Classic	General Purpose	6"	Transmitter - 0-10 Vdc	0-5,000 psi	-	730.80	
131992	Classic	General Purpose	6"	Transmitter - 0-10 Vdc	0-10,000 psi	-	730.80	
131993	Classic	General Purpose	6"	Transmitter - 0-10 Vdc	0-15,000 psi	-	730.80	
131994	Classic	General Purpose	6"	Transducer - 3.3 mV/Volt	0-3,000 psi	Type J	730.80	
131995	Classic	General Purpose	6"	Transducer - 3.3 mV/Volt	0-5,000 psi	Type J	730.80	
131996	Classic	General Purpose	6"	Transducer - 3.3 mV/Volt	0-10,000 psi	Type J	730.80	
131997	Classic	General Purpose	6"	Transducer - 3.3 mV/Volt	0-15,000 psi	Type J	730.80	
131998	Classic	General Purpose	6"	Transmitter - 4-20 mA	0-3,000 psi	Type J	\$866.75	
131999	Classic	General Purpose	6"	Transmitter - 4-20 mA	0-5,000 psi	Type J	866.75	
132000	Classic	General Purpose	6"	Transmitter - 4-20 mA	0-10,000 psi	Type J	866.75	
132001	Classic	General Purpose	6"	Transmitter - 4-20 mA	0-15,000 psi	Type J	866.75	
132002	Classic	General Purpose	6"	Transmitter - 0-10 Vdc	0-3,000 psi	Type J	866.75	
132003	Classic	General Purpose	6"	Transmitter - 0-10 Vdc	0-5,000 psi	Type J	866.75	
132004	Classic	General Purpose	6"	Transmitter - 0-10 Vdc	0-10,000 psi	Type J	866.75	
132005	Classic	General Purpose	6"	Transmitter - 0-10 Vdc	0-15,000 psi	Type J	866.75	
132006	Rigid	Laboratory	6"	Transducer - 3.3 mV/Volt	0-1,500 psi	-	\$699.90	
132007	Rigid	Laboratory	6"	Transducer - 3.3 mV/Volt	0-3,000 psi	-	699.90	
132008	Rigid	Laboratory	6"	Transducer - 3.3 mV/Volt	0-5,000 psi	-	699.90	
132009	Rigid	Laboratory	6"	Transducer - 3.3 mV/Volt	0-10,000 psi	-	699.90	
132010	Rigid	Laboratory	6"	Transducer - 3.3 mV/Volt	0-15,000 psi	-	699.90	
132011	Classic	Laboratory	6"	Transducer - 3.3 mV/Volt	0-1,500 psi	-	699.90	
132012	Classic	Laboratory	6"	Transducer - 3.3 mV/Volt	0-3,000 psi	-	699.90	
132013	Classic	Laboratory	6"	Transducer - 3.3 mV/Volt	0-5,000 psi	-	699.90	
132014	Classic	Laboratory	6"	Transducer - 3.3 mV/Volt	0-10,000 psi	-	699.90	
132015	Classic	Laboratory	6"	Transducer - 3.3 mV/Volt	0-15,000 psi	-	699.90	
132016	Classic	Laboratory	6"	Transducer - 3.3 mV/Volt	0-1,500 psi	Type J	\$833.80	
132017	Classic	Laboratory	6"	Transducer - 3.3 mV/Volt	0-3,000 psi	Type J	833.80	
132018	Classic	Laboratory	6"	Transducer - 3.3 mV/Volt	0-5,000 psi	Type J	833.80	
132019	Classic	Laboratory	6"	Transducer - 3.3 mV/Volt	0-10,000 psi	Type J	833.80	
132020	Classic	Laboratory	6"	Transducer - 3.3 mV/Volt	0-15,000 psi	Type J	833.80	
<b>Options</b>								
132021	Temperature Output: Type J Thermocouple							\$137.00
132030	Temperature Output: Type K Thermocouple							137.00
132022	Mounting Thread: M18 X 1.5							106.10
149593	Mounting Thread: M14 X 1.5							106.10
132025	3" Rigid Stem Length							106.10
132031	12" Rigid Stem Length							106.10
132026	Flex Armor Capillary Length: Up to 36"							106.10
<i>Allow 3 weeks for delivery of all Non-Standard Units</i>								
<b>Accessories</b>								
132027	25' Extension Cable with Mating Connector, 6 pin							\$ 69.00
132028	50' Extension Cable with Mating Connector, 6 pin							106.10
132029	Calibration: NIST Traceable Calibration Certificate							257.50



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