

Product Introduction:

The **ONEhalf20** model CTEC Melt Pressure Transmitter incorporates a proprietary filled capillary design. This tried and proven design provides an electronic signal which is proportional to the measured pressure, and allows the transmitter to operate at process temperatures up to 750°F. The electronics of each transmitter is a Wheatstone Bridge - bonded strain gauge design insuring high accuracy, reliability and repeatability.

The **ONEhalf20** model CTEC Melt Pressure Transmitter has been designed for space restricted areas. This transmitter features an exposed capillary which allows for a 1/8" bend radius for mounting in tight spaces.

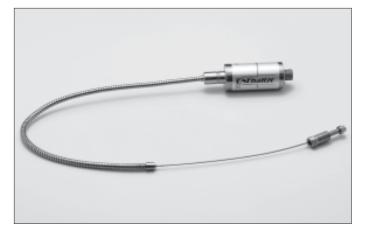
Features:

- wide variety of pressure ranges
- signifigant price benefit over competitors models
- 100% form, fit and function with all competitor models utilizing the Bendix 6 pin bayonet style connector
- fully compatible with the industry standard wiring pattern and colour coding
- two accuracy grades available
 0.5% standard accuracy, or 0.25% optional

General Specifications:

Mechanical

Pressure Ranges:	0-500 psi to 0-20,000 psi	
	metric ranges available	
Mounting:	1/2-20 UNF thread with	
C	jam nut	
Mounting Torque:	500 inch pounds maximum	
Diaphragm:	15-5PH stainless steel	
Overload Capacity:	2 times FSO	
Temperatures:	diaphragm 750°F	
	electronics 225°F	
Accuracy:	0.5% FSO	
Repeatability:	better than 0.15% FSO	



Electrical

Type: Bridge Resistance: Connector: Output: Excitation Voltage: Calibration: Insulation: bonded strain gauge, 4 leg Wheatstone Bridge 350 Ohm +/- 5% 6 pin Bendix style bayonet 4-20 mA or 0 - 10 Vdc 24 Vdc internal 80% FSO 1,000 Megohms at 50 Vdc





Ordering Guide:				
Model Number	:	Transmitter Style		
CTEC		1/2-20 UNF thread with jam nut 10" expose capillary with 18" flex armour		
"no docion	-	Accuracy		
"no design DLX		0.5% Accuracy - standard 0.25% Accuracy		
		<u>Output</u>		
MA V		4 - 20 mA 0 - 10 Vdc		
Standard Pressure Ranges				
-5C -1M -1.5M -3M -5M -7.5M -10M -15M -20M	0 - 500 psi 0 - 1,000 psi 0 - 1,500 psi 0 - 3,000 psi 0 - 5,000 psi 0 - 7,500 psi 0 - 10,000 psi 0 - 15,000 psi 0 - 20,000 psi	-1MB 0 - 1,000 bar		
Common Options				
-8PIN -FAxx		8 pin connector in place of standard 6 pin Non-Standard flex armor length		

(**xx**- specify in inches)

For configurations not listed please contact your local **ONEhalf20** distributor.

Your single source for melt pressure transducers, melt pressure transmitters, melt pressure gauges, pressure instrumentation, and rupture disks!

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www.onehalf20.com