

# TEL-TRU PRESSURE TRANSMITTERS

Industrial Silicon Glass Fused Threaded Series — Model P611

**Ordering Example:** Glass Fused Pressure Transmitter, threaded, 4-20mA output, 0.5% accuracy, 0-100 psi, gauge pressure, 1/4"-18 NPT male, 2' vented PVC cable



**A** **B** **C** **D** **E** **F** **G** **H**  
**P** **6** **1** **1** **A** **2** **D** **9** **A** **G** - **0** **1** **G** **3** **0** **2** -

Code	Description																																																				
<b>A</b>	<b>P611</b> Industrial Press. Transmitter																																																				
<b>B</b>	<b>Output</b> A 4-20mA (2-wire), 10-30Vdc exc.																																																				
<b>C</b>	<b>Accuracy</b> Includes linearity (BFSL), hysteresis, repeatability 2 +/-0.50% 3 +/-0.25% 5 +/-0.15% (4-20mA only)																																																				
<b>D</b>	<b>Pressure Range</b> (all available for both models) Additional pressure ranges/units of measure available on request. <table border="1"> <thead> <tr> <th>Code</th> <th>Calib. Range</th> <th>Code</th> <th>Calib. Range</th> </tr> </thead> <tbody> <tr> <td>V1K</td> <td>-30" Hg to 0psi</td> <td>F3A</td> <td>0 to 500psi</td> </tr> <tr> <td>Z1A</td> <td>-30" Hg to 15psi</td> <td>F6A</td> <td>0 to 750psi</td> </tr> <tr> <td>Z2A</td> <td>-30" Hg to 30psi</td> <td>F8A</td> <td>0 to 1,000psi</td> </tr> <tr> <td>Z3A</td> <td>-30" Hg to 60psi</td> <td>H2A</td> <td>0 to 1,500psi</td> </tr> <tr> <td>B7A</td> <td>0 to 15psi</td> <td>H5A</td> <td>0 to 2,000psi</td> </tr> <tr> <td>C6A</td> <td>0 to 30psi</td> <td>H9A</td> <td>0 to 3,000psi</td> </tr> <tr> <td>D6A</td> <td>0 to 60psi</td> <td>J4A</td> <td>0 to 4,000psi</td> </tr> <tr> <td>D9A</td> <td>0 to 100psi</td> <td>J8A</td> <td>0 to 5,000psi</td> </tr> <tr> <td>E3A</td> <td>0 to 150psi</td> <td>K2A</td> <td>0 to 7,500psi</td> </tr> <tr> <td>E5A</td> <td>0 to 200psi</td> <td>K4A</td> <td>0 to 10,000psi</td> </tr> <tr> <td>E8A</td> <td>0 to 300psi</td> <td>V6A</td> <td>3 to 15psi</td> </tr> <tr> <td></td> <td></td> <td>V7A</td> <td>3 to 27psi</td> </tr> </tbody> </table>	Code	Calib. Range	Code	Calib. Range	V1K	-30" Hg to 0psi	F3A	0 to 500psi	Z1A	-30" Hg to 15psi	F6A	0 to 750psi	Z2A	-30" Hg to 30psi	F8A	0 to 1,000psi	Z3A	-30" Hg to 60psi	H2A	0 to 1,500psi	B7A	0 to 15psi	H5A	0 to 2,000psi	C6A	0 to 30psi	H9A	0 to 3,000psi	D6A	0 to 60psi	J4A	0 to 4,000psi	D9A	0 to 100psi	J8A	0 to 5,000psi	E3A	0 to 150psi	K2A	0 to 7,500psi	E5A	0 to 200psi	K4A	0 to 10,000psi	E8A	0 to 300psi	V6A	3 to 15psi			V7A	3 to 27psi
Code	Calib. Range	Code	Calib. Range																																																		
V1K	-30" Hg to 0psi	F3A	0 to 500psi																																																		
Z1A	-30" Hg to 15psi	F6A	0 to 750psi																																																		
Z2A	-30" Hg to 30psi	F8A	0 to 1,000psi																																																		
Z3A	-30" Hg to 60psi	H2A	0 to 1,500psi																																																		
B7A	0 to 15psi	H5A	0 to 2,000psi																																																		
C6A	0 to 30psi	H9A	0 to 3,000psi																																																		
D6A	0 to 60psi	J4A	0 to 4,000psi																																																		
D9A	0 to 100psi	J8A	0 to 5,000psi																																																		
E3A	0 to 150psi	K2A	0 to 7,500psi																																																		
E5A	0 to 200psi	K4A	0 to 10,000psi																																																		
E8A	0 to 300psi	V6A	3 to 15psi																																																		
		V7A	3 to 27psi																																																		
<b>E</b>	<b>Mode</b> G Gauge Pressure Ref. * S Sealed Gauge Pressure Ref. ** V Vacuum Range C Compound Range																																																				
	<b>Process Connection</b> 03 1/2"-14NPT Male 01 1/4"-18NPT Male 02 1/4"-18NPT Female 05 1/8"-27NPT Male 06 1/8"-27NPT Female 07 7/16"-20UNF Male 66 7/16"-20UNF Female 10 BSPP 1/4-19 (G1/4) Male 57 BSPP 1/2 (G1/2) Male																																																				

\* With Electrical Connections D100, D200, G302, G305, G402, G405, G502, G505.  
 \*\* With Electrical Connections F200, B100.

Code	Description
<b>G</b>	<b>Electrical Connection</b> <b>D100</b> Mini-DIN 43650 C (w/mate) <b>D200</b> Std. DIN 43650 A (w/mate) <b>G302</b> 2' vented PVC cable <b>G305</b> 5' vented PVC cable <b>G502</b> 2' vented poly. cable - IP69K <b>G505</b> 5' vented poly. cable - IP69K <b>F200</b> M12x1 4-pin male <b>B100</b> Bendix Style 4-pin (mates w/Bendix style PT06A-8-4S(SR)) <b>G402</b> 1/2"NPT Male Conduit Conn. (w/2' vented PVC cable) <b>G405</b> 1/2"NPT Male Conduit Conn. (w/5' vented PVC cable) Request quote for more than 5' cable
<b>H</b>	<b>Options</b> <b>K2</b> Orifice Restrictor for press. spike suppression within process conn., 0.3mm orifice <b>B3</b> Oxygen Cleaning <b>B6</b> Silicone gel potted elec. housing <b>M2</b> 4-20mA local transmitter display (must use DIN 43650A conn. and 4-20mA electronics (also sold sep. as PTD-2)) <b>E3</b> Sealed enclosure, no zero and span adj., cal. accy. is +/-1.0% (see datasheet for accy. offset)

**Note:** Prices include Certificate of Calibration (directly traceable to NIST), which includes three check points.

## Accessories (order separately)

Code	Description
<b>PTD-2</b>	4-20m local transmitter display (also sold as option M2 above)
<b>10000004</b>	Cert. of Origin & Compliance
<b>10000003</b>	Certified Calibration (traceable to NIST), five check points
	<b>Right Angle Shielded PVC cordsets w/free leads, non-vented, for pressure ranges &gt; 0-300psi</b>
<b>96011501</b>	M12x1 4-pin, 2 meters
<b>96011601</b>	M12x1 4-pin, 5 meters

