

# TEL-TRU PRESSURE TRANSMITTERS

## Threaded Series Models P141 and 143

### HOW TO ORDER EXAMPLE:

Precision Grade Rugged, 4-20 mA, 0.25% Accuracy, 0 to 100 psi, Gauge Pressure, 1/4" NPT Male, 2 ft. Wire Pigtail (NEMA 4X), Zero and span controls

Example: **P141 A 3 D9A G - 01 A402 - E4**



#### MODEL

**P141**  
**P143** Explosion Proof

#### OUTPUT

**A** 4-20 mA (2-wire)  
**B** 0-5 Vdc (3-wire)  
**C** 1-2 mV/V (4-wire)  
**K** 0-10 Vdc output  
 (req. 16-38 Vdc excitation)  
**N** Hart Protocol

#### ACCURACY

**3** 0.25% Std.  
**6** 0.10%, avail. <15k PSI  
 (includes improved Zero Balance to 0.5%)

#### PRESSURE RANGE

	P141	P143
<b>Vacuum</b>		
<b>V1K</b> -30 to 0" Hg		N/A
<b>Compound</b>		
<b>Z1A</b> -30" Hg to 15 psi		N/A
<b>Z2A</b> -30" Hg to 30 psi		N/A
<b>Z3A</b> -30" Hg to 60 psi		31.50
<b>Pressure</b>		
<b>A8A</b> 0 to 3 psi		N/A
<b>B1A</b> 0 to 5 psi		N/A
<b>B4A</b> 0 to 10 psi		N/A
<b>B7A</b> 0 to 15 psi		N/A
<b>C6A</b> 0 to 30 psi		N/A
<b>D6A</b> 0 to 60 psi		
<b>D9A</b> 0 to 100 psi		
<b>E3A</b> 0 to 150 psi		
<b>E5A</b> 0 to 200 psi		
<b>E8A</b> 0 to 300 psi		
<b>F3A</b> 0 to 500 psi		
<b>F6A</b> 0 to 750 psi		
<b>F8A</b> 0 to 1,000 psi		
<b>H2A</b> 0 to 1,500 psi		
<b>H5A</b> 0 to 2,000 psi		
<b>H9A</b> 0 to 3,000 psi		
<b>J4A</b> 0 to 4,000 psi		
<b>J8A</b> 0 to 5,000 psi		
<b>K2A</b> 0 to 7,500 psi		
<b>K4A</b> 0 to 10,000 psi		
<b>K7A</b> 0 to 15,000 psi		
<b>K8A</b> 0 to 20,000 psi		N/A
<b>L1A</b> 0 to 25,000 psi		N/A

#### OPTIONS

**G2** Mate Bendix 4 pin  
**B1** Mate Bendix 6 pin  
**B110** Mate Bendix 6 pin w/ 10' wire  
**E4** Zero and span controls  
**E6** 100% shunt cal resistor  
**A3** Inconel wetted parts  
**A7** Hastelloy wetted parts  
**D3** Improved temp. comp. to 0.5%  
**M2** \* Local Display (PTD-2) NA  
*\* Must use electrical connector D200*

#### ELECTRICAL CONNECTION

	P141	P143
<b>A402</b> 2' wire pigtail (NEMA 4X)		N/A
<b>A405</b> 5' wire pigtail (NEMA 4X)		N/A
<b>A410</b> 10' wire pigtail (NEMA 4X)		N/A
<b>A420</b> 20' wire pigtail (NEMA 4X)		N/A
<b>A430</b> **30' wire pigtail (NEMA 4X)		N/A

<b>A602</b> 1/2" NPT (M) conduit w/2' wire pigtail	
<b>A605</b> 1/2" NPT (M) conduit w/5' wire pigtail	
<b>A610</b> 1/2" NPT (M) conduit w/10' wire pigtail	
<b>A620</b> 1/2" NPT (M) conduit w/20' wire pigtail	
<b>A630</b> **1/2" NPT (M) conduit w/30' wire pigtail	

<b>B100</b> Bendix 4-pin connector	N/A
<b>B200</b> Bendix 6-pin connector	N/A
<b>D100</b> Mini DIN 43650C connector w/mate	N/A
<b>D200</b> DIN 43650 connector w/mate	N/A

**\*\* Request quote for more than 30' wire**

#### PROCESS CONNECTION

**02** 1/4" NPT (F)  
**01** 1/4" NPT (M)  
**07** 7/16-20 UNF (M)  
**11** Autoclave F-250-C  
**03** 1/2" - NPT (M)  
**04** 1/2" - NPT (F)  
**10** BSPP 1/4-19 (G1/4) M  
**12** BSPP 1/4-19 (G1/4) F

#### MODE

**G** Gauge Pressure Ref.  
**A** Absolute Pressure Ref.  
**V** Vacuum Range  
**C** Compound Range

*See Range Chart*  
*See Range Chart*

#### PRICES INCLUDE:

• Certificate of Calibration (directly traceable to NIST)

**NOTE:** Available Upon Request--Additional Options (consult factory):

- Process Connections
- Electrical Connections and more than 50' wire
- Pressure Ranges/Unit of Measure

