

# TEL-TRU PRESSURE TRANSMITTERS

## Differential Series Models P521, P531, and P523

### HOW TO ORDER EXAMPLE:

Precision Grade Differential, 4-20 mA, 0.25% Accuracy, 0 to 30 psid, Differential/Unidirectional, 1/4" NPT (F), 2 ft. Wire Pigtail (NEMA 4X)

Example: **P521 A 3 C6A D - 02 A402 -**



#### MODEL

- P521**
- P531** Low Pressure
- P523** 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  
(Models P521 and P523 only)

#### ACCURACY

- 2** 0.50%
- 3** 0.25%
- 6** 0.10% (P531 only)

#### PRESSURE RANGE

	P521	P531	P523
<b>B1P</b> 0 to 5 in. WC	N/A		
<b>B4P</b> 0 to 10 in. WC	N/A		
<b>B8P</b> 0 to 16 in. WC	N/A		
<b>C2P</b> 0 to 20 in. WC	N/A		
<b>D4P</b> 0 to 50 in. WC	N/A		
<b>D7P</b> 0 to 75 in. WC	N/A		
<b>D9P</b> 0 to 100 in. WC	N/A		
<b>E3P</b> 0 to 150 in. WC	N/A		
<b>E4P</b> 0 to 160 in. WC	N/A		
<b>E5P</b> 0 to 200 in. WC	N/A		
<b>E7P</b> 0 to 250 in. WC	N/A		
<b>E8P</b> 0 to 300 in. WC	N/A		
<b>F3P</b> 0 to 500 in. WC	N/A		
<b>F6P</b> 0 to 750 in. WC	N/A		
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<b>B7A</b> 0 to 15 psid	N/A		
<b>C6A</b> 0 to 30 psid			
<b>D6A</b> 0 to 60 psid			
<b>D9A</b> 0 to 100 psid			
<b>E3A</b> 0 to 150 psid		N/A	
<b>E5A</b> 0 to 200 psid		N/A	
<b>E7A</b> 0 to 250 psid		N/A	
<b>E8A</b> 0 to 300 psid		N/A	
<b>F3A</b> 0 to 500 psid		N/A	
<b>F6A</b> 0 to 750 psid		N/A	
<b>F8A</b> 0 to 1,000 psid		N/A	
<b>H2A</b> 0 to 1,500 psid		N/A	
<b>H5A</b> 0 to 2,000 psid		N/A	
<b>H7A</b> 0 to 2,500 psid		N/A	
<b>H9A</b> 0 to 3,000 psid		N/A	
<b>J4A</b> 0 to 4,000 psid		N/A	
<b>J8A</b> 0 to 5,000 psid		N/A	
<b>K2A</b> 0 to 7,500 psid		N/A	
<b>K4A</b> 0 to 10,000 psid		N/A	

#### OPTIONS

- 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
- B8** Bleed port

#### ELECTRICAL CONNECTION

- A402** 2' wire pigtail (NEMA 4X)
- A405** 5' wire pigtail (NEMA 4X)
- A410** 10' wire pigtail (NEMA 4X)
- A420** 20' wire pigtail (NEMA 4X)
- A430** 30' wire pigtail (NEMA 4X)
- \*A450** 50' wire pigtail (NEMA 4X)

- A602** 1/2" NPT (M) conduit  
w/2' wire pigtail
- A605** 1/2" NPT (M) conduit  
w/5' wire pigtail
- A610** 1/2" NPT (M) conduit  
w/10' wire pigtail
- A620** 1/2" NPT (M) conduit  
w/20' wire pigtail
- A630** 1/2" NPT (M) conduit  
w/30' wire pigtail
- \*A650** 1/2" NPT (M) conduit  
w/50' wire pigtail

- B200** Bendix 6-pin connector
- D100** Mini DIN 43650C  
connector w/mate

\* NOTE: Request quote for more than 50' wire

#### PROCESS CONNECTION

- 02** 1/4" NPT (F)
- 01** 1/4" NPT (M)
- 06** 1/8" NPT (F)
- 62** 316L SS Process Flanges 1/4" NPT

#### MODE

- D** Differential/Unidirectional
- B** Differential/Bidirectional

#### PRICES INCLUDE:

- Certificate of Calibration (directly traceable to NIST)

#### IMPORTANT NOTE:

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

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

**P521**  
**P531**

NA  
NA  
NA

NA

NA  
NA  
NA  
NA  
NA  
NA

NA  
NA

