

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

OPTIONS

- | | | |
|---|--|----|
| B1 Mate Bendix 6 pin | | |
| B110 Mate Bendix 6 pin w/ 10' wire | | NA |
| E4 Zero and span controls | | NA |
| E6 100% shunt cal resistor | | |
| A3 Inconel wetted parts | | |
| A7 Hastelloy wetted parts | | |
| B8 Bleed port | | NA |

ELECTRICAL CONNECTION

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

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|--|--|--|
| 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 | | |

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

* 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

List prices subject to change without notice (FCA Rochester, NY USA)



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