

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%
6 0.10%, avail. ≤15k PSI
 (includes improved Zero Balance to 0.5%)

PRESSURE RANGE

Vacuum	P141	P143
V1K -30 to 0" Hg		N/A
Compound		
Z1A -30" Hg to 15 psi		N/A
Z2A -30" Hg to 30 psi		N/A
Z3A -30" Hg to 60 psi		N/A
Pressure		
A8A 0 to 3 psi		N/A
B1A 0 to 5 psi		N/A
B4A 0 to 10 psi		N/A
B7A 0 to 15 psi		N/A
C6A 0 to 30 psi		N/A
D6A 0 to 60 psi		N/A
D9A 0 to 100 psi		N/A
E3A 0 to 150 psi		N/A
E5A 0 to 200 psi		N/A
E8A 0 to 300 psi		N/A
F3A 0 to 500 psi		N/A
F6A 0 to 750 psi		N/A
F8A 0 to 1,000 psi		N/A
H2A 0 to 1,500 psi		N/A
H5A 0 to 2,000 psi		N/A
H9A 0 to 3,000 psi		N/A
J4A 0 to 4,000 psi		N/A
J8A 0 to 5,000 psi		N/A
K2A 0 to 7,500 psi		N/A
K4A 0 to 10,000 psi		N/A
K7A 0 to 15,000 psi		N/A
K8A 0 to 20,000 psi		N/A
L1A 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 LED Display (PTD-2)
 * Must use electrical connector D200

ELECTRICAL CONNECTION

	P141	P143
A402 2' wire pigtail (NEMA 4X)		N/A
A405 5' wire pigtail (NEMA 4X)		N/A
A410 10' wire pigtail (NEMA 4X)		N/A
A420 20' wire pigtail (NEMA 4X)		N/A
A430 **30' wire pigtail (NEMA 4X)		N/A
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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		
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B100 Bendix 4-pin connector		N/A
B200 Bendix 6-pin connector		N/A
D100 Mini DIN 43650C connector w/mate		N/A
D200 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
S Sealed (std. on P143)

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

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



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