TEL-TRU® TEMPERATURE SOLUTIONS

PRESSURE TRANSMITTER PART NUMBER CONFIGURATOR

THREADED SERIES — MODEL P121

HOW TO ORDER EXAMPLE:

Precision Grade Threaded, 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: P121 A 3 D9A G - 01 A402 - E4

MODEL:
P121

OUTPUT:

A	4-20 mA (2-wire)
B	0-5 Vdc (3-wire)
C	1-2 mV/V (4-wire)
F	1-6 Vdc output 1-5
G	Vdc output 0-100
H	mV output 1-11
L	Vdc output 1-10
M	Vdc output

ACCURACY:

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

PRESSURE RANGE:

Vacuum

V1K	-30 to 0" Hg

Compound

Z1A	-30" Hg to 15 psi
Z2A	-30" Hg to 30 psi
Z3A	-30" Hg to 60 psi

Pressure

A8A	0 to 3 psi	F3A	0 to 500 psi
B1A	0 to 5 psi	F6A	0 to 750 psi
B4A	0 to 10 psi	F8A	0 to 1,000 psi
B7A	0 to 15 psi	H2A	0 to 1,500 psi
C6A	0 to 30 psi	H5A	0 to 2,000 psi
D6A	0 to 60 psi	H9A	0 to 3,000 psi
D9A	0 to 100 psi	J8A	0 to 5,000 psi
E3A	0 to 150 psi	K2A	0 to 7,500 psi
E5A	0 to 200 psi	K4A	0 to 10,000 psi
E8A	0 to 300 psi	K7A	0 to 15,000 psi

OPTIONS:

G2	Male Benedix 4 pin
B1	Male Benedix 6 pin
B110	Male Benedix 6 pin w/ 10' wire
E4	Zero and span controls
E6	100% shunt cal resistor

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) cond. w/5' wire pigtail
A610	1/2" NPT (M) cond. w/10' wire pigtail
A620	1/2" NPT (M) cond. w/20' wire pigtail
A630	1/2" NPT (M) cond. w/30' wire pigtail
A650	1/2" NPT (M) cond. w/50' wire pigtail
B100	Bendix 4-pin connector
B200	Bendix 6-pin connector
D100	Mini DIN 43650C connector w/mate

PROCESS CONNECTION:

01	1/4" NPT (M)
02	1/4" NPT (F)
03	1/2" NPT (M)
05	1/8" NPT (M)
06	1/8" NPT (F)
07	7/16-20 UNF (M)
10	BSP 1/4-19 (G1/4) (M)
57	BSP 1/2 (G1/2) (M)

MODE:

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

IMPORTANT NOTE:

Available Upon Request—Additional Options (consult factory):

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

Every Tel-Tru Pressure Transmitter includes a NIST traceable Certificate of Calibration.

CUSTOM OPTIONS AVAILABLE REQUEST

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TEL-TRU® TEMPERATURE SOLUTIONS

PRESSURE TRANSMITTER PART NUMBER CONFIGURATOR

THREADED SERIES — MODELS P141 AND 143

HOW TO ORDER EXAMPLE:

Precision Grade Threaded, 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		
E3A	0 to 150 psi		
E5A	0 to 200 psi		
E8A	0 to 300 psi		
F3A	0 to 500 psi		
F6A	0 to 750 psi		
H2A	0 to 1,500 psi		
H5A	0 to 2,000 psi		
H9A	0 to 3,000 psi		
J8A	0 to 5,000 psi		
K2A	0 to 7,500 psi		
K4A	0 to 10,000 psi		
K7A	0 to 15,000 psi		
K8A	0 to 20,000 psi	N/A	
L1A	0 to 25,000 psi	N/A	

MODE:

G	Gauge Pressure Ref.
A	Absolute Pressure Ref.
V	Vacuum Range
C	Compund Range
S	Sealed std. on P143

OPTIONS:		P141	P143
G2	Male Benedix 4 pin		N/A
B1	Male Benedix 6 pin		N/A
B110	Male Benedix 6 pin w/ 10' wire		N/A
E4	Zero and span controls		N/A
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)		N/A
**Must use electrical connector D200*			
ELECTRICAL CONNECTION:			
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
A602	1/2" NPT (M) conduit w/2' wire pigtail		
A605	1/2" NPT (M) cond. w/5' wire pigtail		
A610	1/2" NPT (M) cond. w/10' wire pigtail		
A620	1/2" NPT (M) cond. w/20' wire pigtail		
A630	1/2" NPT (M) cond. w/30' wire pigtail		
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
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	BSP 1/4-19 (G1/4) (M)		
12	BSP 1/4-19 (G1/4) (F)		

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TEL-TRU® TEMPERATURE SOLUTIONS

PRESSURE TRANSMITTER PART NUMBER CONFIGURATOR

THREADED SERIES — MODEL P161

HOW TO ORDER EXAMPLE:

Precision Grade Ultra High Pressure, 4-20 mA, 0.25% Accuracy, 0 to 15,000 psi, Gauge Pressure, Autoclave F-250-C, 2 ft. Wire Pigtail (NEMA4X)

Example: P161 A 3 K7A G - 11 A402 - ☐ ☐ ☐ ☐ ☐ – ☐ ☐ – ☐

MODEL:
P161

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

PRESSURE RANGE:

Vacuum

V1K	-30 to 0" Hg

Compound

Z1A	-30" Hg to 15 psi
Z2A	-30" Hg to 30 psi
Z3A	-30" Hg to 60 psi

Pressure

K8A	0 to 20,000 psi
L1A	0 to 25,000 psi
L2A	0 to 30,000 psi
L4A	0 to 40,000 psi
L7A	0 to 50,000 psi
L9A	0 to 60,000 psi
Q1A	0 to 75,000 psi
Q2A	0 to 100,000 psi

OPTIONS:

G2	Male Benedix 4 pin
B1	Male Benedix 6 pin
B110	Male Benedix 6 pin w/ 10' wire
E4	Zero and span controls
M2	*Local LED Display (PTD-2)

**Requires electrical connector DIN 43650 & 4-20mA electronics*

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) cond. w/5' wire pigtail
A610	1/2" NPT (M) cond. w/10' wire pigtail
A620	1/2" NPT (M) cond. w/20' wire pigtail
A630	1/2" NPT (M) cond. w/30' wire pigtail
A650	1/2" NPT (M) cond. w/50' wire pigtail
B100	Bendix 4-pin connector
B200	Bendix 6-pin connector
D100	Mini DIN 43650C connector w/mate
D200	DIN 43650 connector w/mate

PROCESS CONNECTION:

11	F-250-C (use ≤ 60,000 psi)
13	F-312-C (use > 60,000 psi)

MODE:

G	Gauge Pressure Ref.

IMPORTANT NOTE:

Available Upon Request—Additional Options (consult factory):

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

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TEL-TRU® TEMPERATURE SOLUTIONS

PRESSURE TRANSMITTER PART NUMBER CONFIGURATOR

FLUSH SERIES — MODEL P221

HOW TO ORDER EXAMPLE:

Precision Grade Flush Diaphragm, 4-20 mA, 0.25% Accuracy, 0 to 100 psi, Gauge Pressure, 3/4-16 UNF (M) Flush Diaphragm, 2 ft. Wire Pigtail (NEMA4X), Zero and span controls

Example: P221 A 3 D9A G - 17 A402 - E4

MODEL:
P221

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 (Model P161 only)

ACCURACY:

2	0.50%
3	0.25%

PRESSURE RANGE:

D9A	0 to 100 psi
E3A	0 to 150 psi
E5A	0 to 200 psi
E7A	0 to 250 psi
E8A	0 to 300 psi
F2A	0 to 400 psi
F3A	0 to 500 psi
F4A	0 to 600 psi
F6A	0 to 750 psi
F7A	0 to 800 psi
F8A	0 to 1,000 psi
H2A	0 to 1,500 psi
H5A	0 to 2,000 psi
H7A	0 to 2,500 psi
H9A	0 to 3,000 psi
J4A	0 to 4,000 psi
J8A	0 to 5,000 psi
K1A	0 to 6,000 psi
K2A	0 to 7,500 psi

IMPORTANT NOTE:

Available Upon Request—Additional Options (consult factory):

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

OPTIONS:

G2	Male Benedix 4 pin
B1	Male Benedix 6 pin
B110	Male Benedix 6 pin w/ 10' wire
E4	Zero and span controls
E6	100% shunt cal resistor
A3	Inconnel wetted parts
A7	Hastelloy wetted parts
D3	Improved temp. comp. to 0.5%

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) cond. w/5' wire pigtail
A610	1/2" NPT (M) cond. w/10' wire pigtail
A620	1/2" NPT (M) cond. w/20' wire pigtail
A630	1/2" NPT (M) cond. w/30' wire pigtail
A650	1/2" NPT (M) cond. w/50' wire pigtail
B100	Bendix 4-pin connector
B200	Bendix 6-pin connector
D100	Mini DIN 43650C connector w/mate

PROCESS CONNECTION:

17	3/4-16 UNF (M) Flush Diaphragm with o-ring
57	BSP 1/2" (M) G1/2

MODE:

G	Gauge Pressure Ref.
A	Absolute Pressure Ref.

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TEL-TRU® TEMPERATURE SOLUTIONS

PRESSURE TRANSMITTER PART NUMBER CONFIGURATOR

SANITARY SERIES — MODEL P321

HOW TO ORDER EXAMPLE:

Sanitary, 4-20 mA, 0.25% Accuracy, -30" Hg to 15 psi, Gauge Pressure, 2" Tri-Clamp, 10 ft. Wire Pigtail (NEMA4X), Zero and span controls

Example: P321 A 3 Z1A G - 28 A410 - E4

MODEL:
P321

OUTPUT:
A 4-20 mA (2-wire)
B 0-5 Vdc (3-wire)
K 0-10 Vdc output (req. 16-38 Vdc excitation)
N Hart Protocol

ACCURACY:
3 0.25%
6 0.1% (includes improved zero balance to 0.5%)

PRESSURE RANGE:
Vacuum
V1K -30 to 0" Hg
Compound
Z1A -30" Hg to 15 psi
Z2A -30" Hg to 30 psi
Z3A -30" Hg to 60 psi
Z4A -30" Hg to 100 psi
Z6A -30" Hg to 200 psi
Z7A -30" Hg to 300 psi
Pressure
A8A 0 to 3 psi
B1A 0 to 5 psi
B4A 0 to 10 psi
B7A 0 to 15 psi
C6A 0 to 30 psi
D6A 0 to 60 psi
D9A 0 to 100 psi
E3A 0 to 150 psi
E5A 0 to 200 psi
E7A 0 to 250 psi
E8A 0 to 300 psi
F3A 0 to 500 psi
F4A 0 to 600 psi
F6A 0 to 750 psi
F8A 0 to 1,000 psi

IMPORTANT NOTE:
Available Upon Request—Additional Options (consult factory):
- Electrical Connections and more than 50' wire
- Pressure Ranges/Unit of Measure
- Process Connections

OPTIONS:
E4 Zero and span controls
E6 100% shunt cal resistor

ELECTRICAL CONNECTION:
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) cond. w/5' wire pigtail
A610 1/2" NPT (M) cond. w/10' wire pigtail
A620 1/2" NPT (M) cond. w/20' wire pigtail
A630 1/2" NPT (M) cond. w/30' wire pigtail
A650 1/2" NPT (M) cond. w/50' wire pigtail

B100 Bendix 4-pin connector
B200 Bendix 6-pin connector
D100 Mini DIN 43650C connector w/mate

PROCESS CONNECTION:
26 1" Tri-Clamp
27 1-1/2" Tri-Clamp
28 2" Tri-Clamp
29 2-1/2" Tri-Clamp
30 3" Tri-Clamp
31 2" Cherry Burrell

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

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TEL-TRU® TEMPERATURE SOLUTIONS

PRESSURE TRANSMITTER PART NUMBER CONFIGURATOR

SANITARY SERIES — MODEL P331-TANK LEVEL

HOW TO ORDER EXAMPLE:

Tank Level Transmitter, 4-20 mA, 0.25% Accuracy, 0 to 10 psi, Gauge Pressure,Insulated Anderson Tank, 20 ft. 1/2" NPT conduit.

Example: P331 A 3 B4A G - 33 A620 - ☐☐☐☐☐–☐☐–☐

MODEL:
P331

OUTPUT:
A	4-20 mA (2-wire)
B	0-5 Vdc (3-wire)
C	1-2 mv/v
N	Hart Protocol

ACCURACY:
3	0.25%
6	0.1% (includes improved zero balance to 0.5%)

PRESSURE RANGE:
A8A	0 to 3 psi
B1A	0 to 5 psi
B4A	0 to 10 psi
B7A	0 to 15 psi
C6A	0 to 30 psi
D6A	0 to 60 psi
D9A	0 to 100 psi

IMPORTANT NOTE:
Available Upon Request—Additional Options (consult factory):
- Electrical Connections and more than 50' wire
- Pressure Ranges/Unit of Measure
- Process Connections

OPTIONS:
A7	Hastelloy wetted parts	POR

ELECTRICAL CONNECTION:
A620	1/2" NPT (M) cond. w/20' wire pigtail
E500	Sanitary approved terminal box with 1/2" NPT conduit

PROCESS CONNECTION:
33	Insulated Tank - Anderson *(long nose)*
34	Non-insulated Tank - Anderson *(short nose)*
63	Insulated Tank - King Gage
64	Non-insulated Tank - King Gage
65	King Gage Extended

MODE:
G	Gauge Pressure Ref.

ACCESSORIES:
(to be ordered seperately)
P331-01	Retaining nut - Anderson
P331-02	Retaining nut - King Gage
P331-03	Reciever, insulated tank - Anderson
P331-04	Reciever, non-insulated tank - Anderson
P331-05	Reciever, insulated tank - King Gage
P331-06	Reciever, non-insulated tank - King Gage

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TEL-TRU® TEMPERATURE SOLUTIONS

PRESSURE TRANSMITTER PART NUMBER CONFIGURATOR

SANITARY SERIES — MODEL P341 - HOMOGENIZER

HOW TO ORDER EXAMPLE:

Sanitary, 4-20 mA, 0.50% Accuracy, 0 to 3,000 psi, Gauge Pressure, Homogenizer fitting, 2 ft. Wire Pigtail (NEMA4X), Hastelloy C-276 wetted parts.

Example: P341 A 2 H9A S - 59 A410 - A7

MODEL:
P341

OUTPUT:
A 4-20 mA (2-wire)
B 0-5 Vdc (3-wire)
C 1-2 mv/V

ACCURACY:
2 0.50%
3 0.25%

PRESSURE RANGE:
D9A 0 to 100 psi
E3A 0 to 150 psi
E5A 0 to 200 psi
E8A 0 to 300 psi
F3A 0 to 500 psi
F4A 0 to 600 psi
F6A 0 to 750 psi
F8A 0 to 1,000 psi
H2A 0 to 1,500 psi
H5A 0 to 2,000 psi
H9A 0 to 3,000 psi
J4A 0 to 4,000 psi
J8A 0 to 5,000 psi
K2A 0 to 7,500 psi
K4A 0 to 10,000 psi
K7A 0 to 15,000 psi
K8A 0 to 20,000 psi

MODE:
S Sealed Guage Pressure Ref.

PROCESS CONNECTION:
59 Homogenizer fitting (Gaulin)

ELECTRICAL CONNECTION:
A402 2' wire pigtail (NEMA 4X)
A405 5' wire pigtail (NEMA 4X)
A410 10' wire pigtail (NEMA 4X)

A902 1/2" NPT (M) conduit w/2' wire pigtail
A905 1/2" NPT (M) cond. w/5' wire pigtail
A910 1/2" NPT (M) cond. w/10' wire pigtail
A920 1/2" NPT (M) cond. w/20' wire pigtail
A930 1/2" NPT (M) cond. w/30' wire pigtail
A950 1/2" NPT (M) cond. w/50' wire pigtail

B200 Bendix 6-pin connector

OPTIONS:
E6 100% shunt cal resistor
A7 Hastelloy wetted parts

IMPORTANT NOTE:
Available Upon Request—Additional Options (consult factory):
- Electrical Connections and more than 50' wire
- Pressure Ranges/Unit of Measure
- Process Connections

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TEL-TRU® TEMPERATURE SOLUTIONS

PRESSURE TRANSMITTER PART NUMBER CONFIGURATOR

SUBMERSIBLE SERIES — MODEL P421

HOW TO ORDER EXAMPLE:

Precision Grade Submersible, 4-20 mA, 0.25% Accuracy, 0 to 100 psi, Gauge Pressure, Flush Clog-Free Sensor, 1/2" NPT (M) conduit w/40' submersible vented polyurethane cable.

Example: P421 A 3 D9A G - 36 G140

MODEL:
P421

OUTPUT:

A	4-20 mA (2-wire)
B	0-5 Vdc (3-wire)
J	.5 - 4.5 Vdc output (5 Vdc in)
N	Hart Protocol

ACCURACY:

2	0.50%
3	0.25%

PRESSURE RANGE:

B1A	0 to 5 psi
B4A	0 to 10 psi
B7A	0 to 15 psi
C6A	0 to 30 psi
D6A	0 to 60 psi
D9A	0 to 100 psi
E3A	0 to 150 psi
E5A	0 to 200 psi
E8A	0 to 300 psi
F3A	0 to 500 psi
F4A	0 to 600 psi
F6A	0 to 750 psi
B4S	0 to 10 ft. WC
D4S	0 to 50 ft. WC
D9S	0 to 100 ft. WC
E7S	0 to 250 ft. WC
F3S	0 to 500 ft. WC

ELECTRICAL CONNECTION:

G140	Submersible 1/2" NPT (M) conduit with 40' vented polyurethane cable
G150	Submersible 1/2" NPT (M) conduit with 50' vented polyurethane cable
G210	Submersible 1/2" NPT (M) conduit with 10' vented Tefzel cable
G230	Submersible 1/2" NPT (M) conduit with 30' vented Tefzel cable
G250	Submersible 1/2" NPT (M) conduit with 50' vented Tefzel cable

PROCESS CONNECTION:

36	Flush Clog-Free Sensor (w/3" x 1" standoff)

MODE:

G	Gauge Pressure Ref.

IMPORTANT NOTE:

Available Upon Request—Additional Options (consult factory):

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

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TEL-TRU® TEMPERATURE SOLUTIONS

PRESSURE TRANSMITTER PART NUMBER CONFIGURATOR

SUBMERSIBLE SERIES — MODEL P431

HOW TO ORDER EXAMPLE:

Precision Grade Submersible, 4-20 mA, 0.25% Accuracy, 0 to 100 psi, Gauge Pressure, 7/16-20 UNF (M) w/PVC cap, Vented polyurethane cable 10', Fully potted.

Example: P431 A 3 D9A G - 15 A210 - B6

MODEL:
P431

OUTPUT:
- A 4-20 mA (2-wire)
- B 0-5 Vdc (3-wire)
- J .5 - 4.5 Vdc output (5 Vdc in)

ACCURACY:
- 3 0.25%
- 6 0.1% (includes improved zero balance to 0.5%)

PRESSURE RANGE:
- A8A 0 to 3 psi
- B1A 0 to 5 psi
- B4A 0 to 10 psi
- B7A 0 to 15 psi
- C6A 0 to 30 psi
- D6A 0 to 60 psi
- D9A 0 to 100 psi
- E3A 0 to 150 psi
- E5A 0 to 200 psi
- E7A 0 to 250 psi
- E8A 0 to 300 psi
- F3A 0 to 500 psi
- F6A 0 to 750 psi
- B4S 0 to 10 ft. WC
- D4S 0 to 50 ft. WC
- D9S 0 to 100 ft. WC
- E7S 0 to 250 ft. WC
- F3S 0 to 500 ft. WC
- F6S 0 to 750 ft. WC
- F8S 0 to 1,000 ft. WC
- H2S 0 to 1,500 ft. WC

OPTIONS:
- B6 Fully potted

ELECTRICAL CONNECTION:
- A210 10' vented polyurethane cable
- A230 30' vented polyurethane cable
- A250 50' vented polyurethane cable
- A310 10' vented Tefzel cable
- A330 30' vented Tefzel cable
- A350 50' vented Tefzel cable

PROCESS CONNECTION:
- 15 7/16-20 UNF (M) w/PVC cap (>15 psi)
- 20 7/8-14 UNF (M) w/PVC cap (< 15 psi)
- 14 Stainless sludge nose
- 16 Stainless steel cap

MODE:
- G Gauge Pressure Ref.

IMPORTANT NOTE:

Available Upon Request—Additional Options (consult factory):
- Electrical Connections and more than 50' wire
- Pressure Ranges/Unit of Measure
- Process Connections

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CUSTOM OPTIONS AVAILABLE REQUEST
For custom options, please contact us at:
customerservice@teltru.com or 1-800-232-5335

www.teltru.com

TEL-TRU® TEMPERATURE SOLUTIONS

PRESSURE TRANSMITTER PART NUMBER CONFIGURATOR

DIFFERENTIAL SERIES — MODELS P521, P531, AND P523

HOW TO ORDER EXAMPLE:

Precision Grade Differential, 4-20 mA, 0.25% Accuracy, 0 to 30 psi, Differential/Undirectional, 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		
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	
H7A	0 to 2,500 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	

OPTIONS:		P521/P531:	P523:
B1	Male Benedix 6 pin		N/A
B110	Male Benedix 6 pin w/ 10' wire		N/A
E4	Zero and span controls		N/A
E6	100% shunt cal resistor		
A3	Inconel wetted parts		
A7	Hastelloy wetted parts		
B8	Bleed port		N/A
ELECTRICAL CONNECTION:			
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
A450	50' wire pigtail (NEMA 4X)		N/A
A602	1/2" NPT (M) conduit w/2' wire pigtail		N/A
A605	1/2" NPT (M) cond. w/5' wire pigtail		N/A
A610	1/2" NPT (M) cond. w/10' wire pigtail		N/A
A620	1/2" NPT (M) cond. w/20' wire pigtail		N/A
A630	1/2" NPT (M) cond. w/30' wire pigtail		N/A
A650	1/2" NPT (M) cond. w/50' wire pigtail		N/A
B200	Bendix 6-pin connector		N/A
D100	Mini DIN 43650C connector w/mate	N/A	
PROCESS CONNECTION:			
01	1/4" NPT (M)	N/A	
02	1/4" NPT (F)	N/A	
06	1/8" NPT (F)	N/A	
62	316L SS Process Flanges 1/4" NPT		
MODE:			
D	Differential/Undirectional		
B	Differential/Bidirectional		

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TEL-TRU® TEMPERATURE SOLUTIONS

PRESSURE TRANSMITTER PART NUMBER CONFIGURATOR

SELECTING A PRESSURE TRANSMITTER

Application and enviromental conditions affect transmitter selection:

Type of service
- Oil/gas
- Process
- Power plant general machinery
- OEM
- Waste water, etc.

Fluid Conditions
- Static
- Varying pressure
- Pulsation
- Min/max temperatures
- Type of fluid
  - Sour gas
  - Water
  - Steam
  - Sludge, etc.

For proper selection consider

Output
- Requirements of recieving equipment
- Supply voltage available
- Distance signal will travel

Accuracy
- Application need
- Cost

Pressure Range
- Pressure limits of application
- Scaling of output signal-best when 50% to 80% of operating range is within mid-scale

Process Connection
- Application requirements
- Pressure in system
- Media type being measured

Electrical Connection
- Plant standards
- Application requirements

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