TEL-TRU

TEL-TRU MANUFACTURING COMPANY

PRESSURE TRANSMITTERS

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World-Class Instruments | *Since 1916*

Threaded 100 Series

Precision Grade Threaded

P121

- Hydraulics and Pneumatics
- Injection Molding Machines
- Laboratory and Test Equipment
- Marine and Offshore
- Petrochemical
- Pump and Compressors

OUTPUTS	SUPPLY	CODE
4-20 mA (2-wire)	8-38 Vdc	**A**
0-5 Vdc (3-wire)	8-38 Vdc	**B**
1-2 mV/V (4-wire)	2-15 Vdc	**C**
1-10 Vdc output	16-38 Vdc	**M**

ACCURACY	CODE
0.25%	**3**
0.10%	**6**

PRESSURE RANGES

-30" Hg -0 psi thru 0-20,000 psi

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

PROCESS CONN.	CODE
1/4" NPT (M)	**01**
1/4" NPT (F)	**02**
1/2" NPT (M)	**03**
1/8" NPT (M)	**05**
1/8" NPT (F)	**06**
7/16-20 UNF (M)	**07**

ELECTRICAL CONN.	CODE
X' wire pigtail (NEMA 4X)	**A4XX**
1/2" NPT (M) conduit w/X' wire	**A6XX**
Bendix 4-pin connector	**B100**
Bendix 6-pin connector	**B200**
Mini DIN 43650C conn. w/mate	**D100**

Precision Grade Threaded OEM

P131

- Brake Test Equipment
- Hydraulics and Pneumatics
- Marine and Offshore
- Off Highway Equipment
- Petrochemical
- Pump and Compressors

OUTPUTS	SUPPLY	CODE
4-20 mA (2-wire)	8-38 Vdc	**A**
0-5 Vdc (3-wire)	8-38 Vdc	**B**
1-10 Vdc output	16-38 Vdc	**M**

ACCURACY	CODE
0.50%	**2**

PRESSURE RANGES

0-15 psi thru 0-15,000 psi

MODE	CODE
Gauge Pressure Ref.	**G**

PROCESS CONN.	CODE
1/4" NPT (M)	**01**
7/16-20 UNF (M)	**07**

ELECTRICAL CONN.	CODE
X' wire pigtail (NEMA 4X)	**A4XX**
Mini DIN 43650C conn. w/mate	**D100**

Minimum order quantity 10 pieces

Precision Grade Rugged

P141

P143

** Explosion Proof **

- Hydraulics and Pneumatics
- Laboratory and Test Equipment
- Marine and Offshore
- Petrochemical
- Pump and Compressors

OUTPUTS	SUPPLY	CODE
4-20 mA (2-wire)	8-38 Vdc	**A**
0-5 Vdc (3-wire)	8-38 Vdc	**B**
1-2 mV/V (4-wire)	16-38 Vdc	**C**
0-10 Vdc (req. 16-38 Vdc excit.)		**K**

ACCURACY	CODE
0.25%	**3**
0.10%	**6**

PRESSURE RANGES

-30" Hg -0 psi thru 0-25,000 psi

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

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

ELECTRICAL CONN.	CODE
X' wire pigtail (NEMA 4X)	**A4XX**
1/2" NPT (M) conduit w/X' wire	**A6XX**
Bendix 4-pin connector	**B100**
Bendix 6-pin connector	**B200**
Mini DIN 43650C conn. w/mate	**D100**
DIN 43650 conn. w/mate	**D200**

CERTIFICATIONS

P143 is CSA/CUS Explosion Proof Certified for Class I Div 1 and Class I Div 2 Groups A, B, C, D

Standard Specifications

	P121	P131	P141/143
Proof Pressure			
2X FS	X	X	X
Burst Pressure			
5X FS	X	X	X
Response Time			
<5 ms	X	X	X
Wetted Materials			
316 and 15-5 SS	X	X	X
Protection Class			
NEMA 4X	X	X	X

	P121	P131	P141/143
Temperature Performance			
Operating Temp Range (OTR)			
-40/200°F (-40/93.3°C)	X	X	X
Compensated Temp Range (CTR)			
0/170°F (-17.8/76.7°C)	X	X	X
Temp Effect on Zero over the CTR			
+0.015% FS/°F (+0.027% FS/°C)	X		X
+0.02% FS/°F (+0.036% FS/°C)		X	
Temp Effect on Span over the CTR			
+0.015% FS/°F (+0.027% FS/°C)	X		X
+0.02% FS/°F (+0.036% FS/°C)		X	
Zero and Span Balance			
+1.0% FSO	X	X	X
Long-Term Stability			
+0.25% FSO/year	X		X
+0.5% FSO/year		X	
Insulation Resistance			
1000 M-ohms @ 50 Vdc	X	X	X

Threaded 100 Series, *cont.*

Precision Grade Mid-High Pressure

P151

- High Pressure Cutting Systems
- Industrial Process Control
- Laboratory and Test Equipment
- Stamping Presses

OUTPUTS	SUPPLY	CODE
4-20 mA (2-wire)	8-38 Vdc	A
0-5 Vdc (3-wire)	8-38 Vdc	B
1-2 mV/V (4-wire)	2-15 Vdc	C
1-10 Vdc output	16-38 Vdc	K
ACCURACY		**CODE**
0.50%		2
0.25%		3
0.10%		6
PRESSURE RANGES		
0-15,000 psi thru 0-60,000 psi		
MODE		**CODE**
Gauge Pressure Ref.		G
PROCESS CONN.		**CODE**
F-250-C (use ≤ 60,000 psi)		11
F-312-C (use > 60,000 psi)		13
ELECTRICAL CONN.		**CODE**
X' wire pigtail (NEMA 4X)		A4XX
1/2" NPT (M) conduit w/X' wire		A6XX
Bendix 4-pin conn.		B100
Bendix 6-pin conn.		B200
Mini DIN 43650C conn. w/mate		D100
DIN 43650 conn. w/mate		D200

Precision Grade Ultra High Pressure

P161

- High Pressure Cutting Systems
- Industrial Process Control
- Laboratory and Test Equipment
- Stamping Presses

OUTPUTS	SUPPLY	CODE
4-20 mA (2-wire)	8-38 Vdc	A
0-5 Vdc (3-wire)	8-38 Vdc	B
1-2 mV/V (4-wire)	2-15 Vdc	C
1-10 Vdc output	16-38 Vdc	K
ACCURACY		**CODE**
0.50%		2
0.25%		3
0.10%		6
PRESSURE RANGES		
0-25,000 psi thru 0-100,000 psi		
MODE		**CODE**
Gauge Pressure Ref.		G
PROCESS CONN.		**CODE**
F-250-C (use ≤ 60,000 psi)		11
F-312-C (use > 60,000 psi)		13
ELECTRICAL CONN.		**CODE**
X' wire pigtail (NEMA 4X)		A4XX
1/2" NPT (M) conduit w/X' wire		A6XX
Bendix 4-pin connector		B100
Bendix 6-pin connector		B200
Mini DIN 43650C conn. w/mate		D100
DIN 43650 conn. w/mate		D200

Standard Specifications

	P151	P161
Proof Pressure		
2X FS (75 kpsi max)	X	
2X FS (160 kpsi max)		X
Burst Pressure		
3X FS (90 kpsi max)	X	
5X FS (180 kpsi max)		X
Response Time		
<5 ms	X	X
Wetted Materials		
15-5 SS	X	X
Protection Class		
NEMA 4X	X	X
Temperature Performance		
Operating Temp Range (OTR)		
-40/200°F (-40/93.3°C)	X	X
Compensated Temp Range (CTR)		
0/170°F (-17.8/76.7°C)	X	X
Temp Effect on Zero over the CTR		
+0.015% FS/°F (+0.027% FS/°C)	X	X
Temp Effect on Span over the CTR		
+0.015% FS/°F (+0.027% FS/°C)	X	X
Zero and Span Balance		
+1.0% FSO	X	X
Long-Term Stability		
+0.25% FSO/year	X	X
Insulation Resistance		
1000 M-ohms @ 50 Vdc	X	X

Flush 200 Series

Precision Grade Flush Diaphragm

P221

- Adhesives and Plastics Coating Machinery
- Paint Systems
- Sealant Systems
- Slurries
- Non-Filled Flush Diaphragm Process Connection

OUTPUTS	SUPPLY	CODE
4-20 mA (2-wire)	8-38 Vdc	A
0-5 Vdc (3-wire)	8-38 Vdc	B
1-2 mV/V (4-wire)	2-15 Vdc	C
0-10 Vdc output	16-38 Vdc	K
ACCURACY		**C**
0.50%		2
0.25%		3
PRESSURE RANGES		
0-100 psi thru 0-7,500 psi		
MODE		**CODE**
Gauge Pressure Ref.		G
Absolute Pressure Ref.		A
PROCESS CONN.		**CODE**
3/4-16 UNF (M) Flush Diaph w/o-ring		17
BSP 1/2" (M) G1/2		57
ELECTRICAL CONN.		**CODE**
X' wire pigtail (NEMA 4X)		A4XX
1/2" NPT (M) conduit w/X' wire		A6XX
Bendix 4-pin connector		B100
Bendix 6-pin connector		B200
Mini DIN 43650C conn. w/mate		D100
CERTIFICATIONS		
FM/CSA approvals pending		

Standard Specifications

	P221
Proof Pressure	
2X FS	X
Burst Pressure	
5X FS (15 kpsi max)	X
Response Time	
<3 ms	X
Wetted Materials	
15-5 SS	X
Protection Class	
NEMA 4X	X
Temperature Performance	
Operating Temp Range (OTR)	
-40/200°F (-40/93.3°C)	X
Compensated Temp Range (CTR)	
0/170°F (-17.8/76.7°C)	X
Temp Effect on Zero over the CTR	
+0.015% FS/°F (+0.027% FS/°C)	X
Temp Effect on Span over the CTR	
+0.015% FS/°F (+0.027% FS/°C)	X
Zero and Span Balance	
+1.0% FSO	X
Long-Term Stability	
+0.25% FSO/year	X
Insulation Resistance	
1000 M-ohms @ 50 Vdc	X

Sanitary 300 Series

Precision Grade Sanitary

P321

- Biotech
- Cosmetics
- Dairy
- Food and Beverage Processing
- Pharmaceutical

OUTPUTS	SUPPLY	CODE
4-20 mA (2-wire)	8-38 Vdc	A
0-5 Vdc (3-wire)	8-38 Vdc	B
0-10 Vdc output	16-38 Vdc	K

ACCURACY	CODE
0.25%	3
0.10%	6

PRESSURE RANGES
-30" Hg -0 psi thru 0-1,000 psi

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

PROCESS CONN.	CODE
2" Tri-Clamp	28
1-1/2" Tri-Clamp	27
1" Tri-Clamp	26
1/2" Tri-Clamp (0-60 psi & above)	24
3/4" Tri-Clamp (0-60 psi & above)	25
2-1/2" Tri-Clamp	29

ELECTRICAL CONN.	CODE
X' wire pigtail (NEMA 4X)	A4XX
1/2" NPT (M) conduit w/X' wire	A6XX
Bendix 4-pin connector	B100
Bendix 6-pin connector	B200
Mini DIN 43650C conn. w/mate	D100

CERTIFICATIONS
3A Approved

Sanitary Tank Level

P331

- Biotech
- Cosmetics
- Dairy
- Food and Beverage Processing
- Pharmaceutical

OUTPUTS	SUPPLY	CODE
4-20 mA (2-wire)	8-38 Vdc	A
0-5 Vdc (3-wire)	8-38 Vdc	B
1-2 mV/V	2-15 Vdc	C
Hart Protocol		N

ACCURACY	CODE
0.25%	3
0.10%	6

PRESSURE RANGES
0-3 psi thru 0-100 psi

MODE	CODE
Gauge Pressure Ref.	G

PROCESS CONN.	CODE
Insulated Tank - Anderson	33
Non-insulated Tank - Anderson	34
Insulated Tank - King Gage	63
Non-insulated Tank - King Gage	64
King Gage extended	65

ELECTRICAL CONN.	CODE
1/2" NPT (M) conduit w/20' wire	A620*
Sanitary appr. terminal box with 1/2" NPT conduit	E500

CERTIFICATIONS
3A Approved

Homogenizer

P341

- Biotech
- Cosmetics
- Dairy
- Food and Beverage Processing
- Pharmaceutical

OUTPUTS	SUPPLY	CODE
4-20 mA (2-wire)	8-38 Vdc	A
0-5 Vdc (3-wire)	8-38 Vdc	B
1-2 mV/V	2-15 Vdc	C

ACCURACY	CODE
0.50%	2
0.25%	3

PRESSURE RANGES
0-100 psi thru 0-20,000 psi

MODE	CODE
Gauge Pressure Ref.	G

PROCESS CONN.	CODE
Homogenizer Fitting	59

ELECTRICAL CONN.	CODE
2' Wire pigtail (NEMA 4X)	A402
5' Wire pigtail (NEMA 4X)	A405
10' Wire pigtail (NEMA 4X)	A410*
3/8" NPT(M) w/2' wire pigtail	A902
3/8" NPT(M) w/5' wire pigtail	A905
3/8" NPT(M) w/10' wire pigtail	A910
3/8" NPT(M) w/20' wire pigtail	A920
3/8" NPT(M) w/30' wire pigtail	A930
3/8" NPT(M) w/50' wire pigtail	A950*

** Please request quote for more than specified wire*

CERTIFICATIONS
3A Approved

Standard Specifications

	P321	P331	P341
Proof Pressure			
2X FS	X	X	X
Burst Pressure			
5X FS (3 kpsi max)		X	
5X FS (5 kpsi max)	X		
5X FS (15 kpsi max)			X
Response Time			
<.5 ms			X
<3 ms			X
<5 ms	X	X	
Wetted Materials			
316L SS	X		
316L SST		X	
15-5 SST			X
Protection Class			
NEMA 4X	X	X	X

	P321	P331	P341
Temperature Performance			
Operating Temp Range (OTR)			
-40/200°F (-40/93.3°C)	X		X
-20/300°F (-29/149°C)		X	
Compensated Temp Range (CTR)			
0/170°F (-17.8/76.7°C)	X	X	X
Temp Effect on Zero over the CTR			
+0.015% FS/°F (+0.027% FS/°C)	X	X	X
Temp Effect on Span over the CTR			
+0.015% FS/°F (+0.027% FS/°C)	X	X	X
Zero and Span Balance			
+1.0% FSO	X	X	X
Long-Term Stability			
+0.25% FSO/year	X	X	X
Insulation Resistance			
100 M-ohms @ 50 Vdc		X	
1000 M-ohms @ 50 Vdc	X		X

Submersible 400 Series

Precision Grade Submersible

P421

- Heavy Slurries
- Hydro Electric
- Level and Depth Measurement
- Waste Water Treatment

Precision Grade Submersible

P431

- Irrigation
- Level and Depth Measurement
- Underground Storage
- Water Resource
- Well Water
- Coal Bed Methane

OUTPUTS	SUPPLY	CODE
4-20 mA (2-wire)	8-38 Vdc	**A**
0-5 Vdc (3-wire)	8-38 Vdc	**B**
.5 - 4.5 Vdc output	5 Vdc	**J**
ACCURACY		**CODE**
0.50%		**2**
0.25%		**3**
PRESSURE RANGES		
0-5 psi thru 0-500 ft. WC		
MODE		**CODE**
Gauge Pressure Ref.		**G**
PROCESS CONN.		**CODE**
Flush Clog-Free Sensor (w/3" x 1" standoff)		**36**
ELECTRICAL CONN.		**CODE**
Submersible 1/2" NPT (M) conduit w/40' vented polyurethane cable		**G140***
Submersible 1/2" NPT (M) conduit w/X' vented Tefzel cable		**G2XX***
OUTPUTS	**SUPPLY**	**CODE**
4-20 mA (2-wire)	8-38 Vdc	**A**
0-5 Vdc (3-wire)	8-38 Vdc	**B**
.5 - 4.5 Vdc output	5 Vdc	**J**
ACCURACY		**CODE**
0.25%		**3**
0.10%		**6**
PRESSURE RANGES		
0-3 psi thru 0-15,000 ft. WC		
MODE		**CODE**
Gauge Pressure Ref.		**G**
PROCESS CONN.		**CODE**
4/16-20 UNF (M) w/PVC cap (>15 psi)		**15**
7/8-14 UNF (M) w/PVC cap (<15 psi)		**20**
Stainless sludge nose		**14**
Stainless steel cap		**16**
ELECTRICAL CONN.		**CODE**
Vented polyurethane cable X'		**A2XX**
Vented Tefzel cable X'		**A3XX**

***Please contact factory for other lengths*

Standard Specifications

	P421	P431
Proof Pressure		
2X FS	X	X
Burst Pressure		
5X FS	X	X
Response Time		
<5 ms	X	X
Wetted Materials		
316L SS	X	
316 and 15-5 SS		X
Protection Class		
IP68	X	X
Temperature Performance		
Operating Temp Range (OTR)		
-40/200°F (-40/93.3°C)	X	X
Compensated Temp Range (CTR)		
0/170°F (-17.8/76.7°C)	X	X
Temp Effect on Zero over the CTR		
+0.015% FS/°F (+0.027% FS/°C)	X	X
Temp Effect on Span over the CTR		
+0.015% FS/°F (+0.027% FS/°C)	X	X
Zero and Span Balance		
+1.0% FSO	X	X
Long-Term Stability		
+0.25% FSO/year	X	X
Insulation Resistance		
1000 M-ohms @ 50 Vdc	X	X

Selecting a Pressure Transmitter

Application and environmental 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.

Various options are available—for proper selection consider:

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

Accuracy
- Application requirement
- 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

The CE mark on Tel-Tru Pressure Transmitters indicates they are in compliance with European Standards, incorporating components designed to protect the device from and neutralize the effects of Radio Frequency Interference (RFI), Electromagnetic Interference (EMI), and Electrostatic Discharge (ESD). This "electrical noise" comes from walkie-talkies (RFI), AC motors used in the vicinity of the transmitter installation (EMI), or from sources within the transmitter itself (ESD).

***See* www.teltru.com/transmit_pres.asp**
or the Pressure Transmitters pricelist for detailed specifications and range or order information.

Differential 500 Series

Precision Grade Differential

P521

- Hydraulics and Pneumatics
- Laboratory and Test
- Marine and Offshore
- Petrochemical
- Pumps and Compressors

OUTPUTS	SUPPLY	CODE
4-20 mA (2-wire)	8-38 Vdc	A
0-5 Vdc (3-wire)	8-38 Vdc	B
1-2 mV/V (4-wire)	2-15 Vdc	C
0-10 Vdc output	16-38 Vdc	K

ACCURACY	CODE
0.50%	2
0.25%	3
0.10%	6

PRESSURE RANGES
0-30 psid thru 0-10,000 psid

MODE	CODE
Gauge Pressure Ref.	G
Differential / Unidirectional	D
Differential / Bidirectional	B

PROCESS CONN.	CODE
1/4" NPT (F)	02
1/4" NPT (M)	01
1/8" NPT (F)	06
316L SS Process Flanges 1/4" NPT	62

ELECTRICAL CONN.	CODE
X' wire pigtail (NEMA 4X)	*A4XX
1/2" NPT (M) conduit w/X' wire pigtail	*A6XX
Bendix 6-pin connector	B200
Mini DIN 43650C conn. w/mate	D100

Precision Grade Differential

P523

** Explosion Proof **

- Hydraulics and Pneumatics
- Laboratory and Test
- Marine and Offshore
- Petrochemical
- Pumps and Compressors

OUTPUTS	SUPPLY	CODE
4-20 mA (2-wire)	8-38 Vdc	A
0-5 Vdc (3-wire)	8-38 Vdc	B
1-2 mV/V (4-wire)	2-15 Vdc	C
0-10 Vdc output	16-38 Vdc	K

ACCURACY	CODE
0.50%	2
0.25%	3
0.10%	6

PRESSURE RANGES
0-5 in. WC thru 0-10,000 psi

MODE	CODE
Gauge Pressure Ref.	G
Differential / Unidirectional	D
Differential / Bidirectional	B

PROCESS CONN.	CODE
1/4" NPT (F)	02
1/4" NPT (M)	01
1/8" NPT (F)	06
316L SS Process Flanges 1/4" NPT	62

ELECTRICAL CONN.	CODE
1/2" NPT (M) conduit w/X' wire pigtail	*A6XX

Precision Grade Differential

P531

- Hydraulics and Pneumatics
- Laboratory and Test
- Marine and Offshore
- Petrochemical
- Pumps and Compressors

OUTPUTS	SUPPLY	CODE
4-20 mA (2-wire)	8-38 Vdc	A
0-5 Vdc (3-wire)	8-38 Vdc	B
1-2 mV/V (4-wire)	2-15 Vdc	C
0-10 Vdc output	16-38 Vdc	K

ACCURACY	CODE
0.50%	2
0.25%	3
0.10%	6

PRESSURE RANGES
0-5 in. WC thru 0-100 psid

MODE	CODE
Gauge Pressure Ref.	G
Differential / Unidirectional	D
Differential / Bidirectional	B

PROCESS CONN.	CODE
1/4" NPT (F)	02
1/4" NPT (M)	01
1/8" NPT (F)	06
316L SS Process Flanges 1/4" NPT	62

ELECTRICAL CONN.	CODE
X' wire pigtail (NEMA 4X)	*A4XX
1/2" NPT (M) conduit w/X' wire pigtail	*A6XX
Bendix 6-pin connector	B200
Mini DIN 43650C conn. w/mate	D100

** Please request quote for more than 50' of wire*

CERTIFICATIONS
CSA/CUS Explosion Proof Cert. to Class 1 Div 1 and Class 1 Div 2 Groups A, B, C, D

Standard Specifications

	P521	P523	P531
Proof Pressure			
3X FS (7kpsi max)		X	
5X FS (10 kpsi max)	X		
1000 psi			X
Burst Pressure			
Min 3-12 kpsi	X		
Min 5-12 kpsi		X	
3,000 psi			X
Response Time			
<5 ms	X		
<10 ms		X	X
Wetted Materials			
316L SS		X	X
316L SST	X		
Protection Class NEMA 4X	X		X
Class 1 Div 1		X	
Temperature Performance			
Operating Temp Range (OTR)			
-40/200°F (-40/93.3°C)	X		X
-20/200°F (-29/93.3°C)		X	
Compensated Temp Range (CTR)			
0/170°F (-17.8/76.7°C)	X	X	X
Temp Effect on Zero over the CTR			
+0.015% FS/°F (+0.027% FS/°C)	X	X	X
Temp Effect on Span over the CTR			
+0.015% FS/°F (+0.027% FS/°C)	X	X	X
Zero and Span Balance +1.0% FSO	X	X	X
Long-Term Stability +0.25% FSO/year	X	X	X
Insulation Resistance			
1000 M-ohms @ 50 Vdc	X	X	X

Local Display

Local Readout Display

PTD-1

Specifications

OUTPUTS	SUPPLY
4-20 mA	12-36 Vdc

ACCURACY
0.050%

ELECTRICAL CONN.
Mates with DIN 43650 connector

DISPLAY
LED

MATERIALS
ABS plastic with neoprene gasket

PROTECTION CLASS
NEMA 4X

Loop powered LED display has customer-configurable readout in mA DC, percent of full scale, or engineering units.

TEL-TRU PRESSURE TRANSMITTERS *Range Table and How to Order*

EXAMPLE: Precision Grade Threaded, 4-20 mA, 0.25% Accuracy, 0 to 100 psi, Gage Pressure, 1/4" NPT Male, 2 ft. Wire Pigtail (NEMA 4X). **PART NUMBER:** **P121A3D9AG-01A402**

	MODEL	OUTPUT	ACCURACY	RANGE	MODE		PROCESS CONN.	ELECTRICAL CONN.
SELECT:	P121	A	3	D9A	G	-	01	A402

			Threaded					Flush	Sanitary			Submersible		Differential		
RANGES	**Unit**	**CODE**	**P121**	**P131**	**P141/3**	**P151**	**P161**	**P221**	**P321**	**P331**	**P341**	**P421**	**P431**	**P521**	**P523**	**P531**
Vacuum																
-30" Hg to 0	in. Hg	**V1K**	X		X				X							
Compound																
-30" Hg to 15	psi	**Z1A**	X		X				X							
-30" Hg to 30	psi	**Z2A**	X		X				X							
-30" Hg to 60	psi	**Z3A**	X		X				X							
-30" Hg to 100	psi	**Z4A**							X							
-30" Hg to 200	psi	**Z6A**							X							
-30" Hg to 300	psi	**Z7A**							X							
Pressure																
0 to 3	psi	**A8A**	X		X				X	X			X			
0 to 5	psi	**B1A**	X		X				X	X		X	X			
0 to 10	psi	**B4A**	X		X				X	X		X	X			
0 to 15	psi	**B7A**	X	X	X				X	X		X	X		X	X
0 to 20	psi	**C2A**		X												
0 to 25	psi	**C4A**		X												
0 to 30	psi	**C6A**	X	X	X				X	X		X	X	X	X	X
0 to 40	psi	**D1A**		X												
0 to 50	psi	**D4A**		X												
0 to 60	psi	**D6A**	X	X	X				X	X		X	X	X	X	X
0 to 75	psi	**D7A**		X												
0 to 100	psi	**D9A**	X	X	X			X	X	X	X	X	X	X	X	X
0 to 150	psi	**E3A**	X	X	X			X	X		X	X	X	X	X	
0 to 200	psi	**E5A**	X	X	X			X	X		X	X	X	X	X	
0 to 250	psi	**E7A**		X				X	X					X	X	
0 to 300	psi	**E8A**	X	X	X			X	X		X	X	X	X	X	
0 to 400	psi	**F2A**		X				X								
0 to 500	psi	**F3A**	X	X	X			X	X		X	X	X	X	X	
0 to 600	psi	**F4A**		X				X	X							
0 to 750	psi	**F6A**	X	X	X			X	X		X	X	X	X	X	
0 to 800	psi	**F7A**		X				X								
0 to 1,000	psi	**F8A**	X	X	X			X	X		X			X	X	
0 to 1,500	psi	**H2A**	X		X			X			X			X	X	
0 to 2,000	psi	**H5A**	X	X	X			X			X			X	X	
0 to 2,500	psi	**H7A**		X				X						X	X	
0 to 3,000	psi	**H9A**	X	X	X			X			X			X	X	
0 to 4,000	psi	**J4A**		X	X			X			X			X	X	
0 to 5,000	psi	**J8A**	X	X	X			X			X			X	X	
0 to 6,000	psi	**K1A**		X				X								
0 to 7,500	psi	**K2A**	X	X	X			X			X			X	X	
0 to 8,000	psi	**K3A**		X												
0 to 9,000	psi	**Q6A**		X												
0 to 10,000	psi	**K4A**	X	X	X						X			X	X	
0 to 15,000	psi	**K7A**	X	X	X	X					X					
0 to 20,000	psi	**K8A**	X		X	X					X					
0 to 25,000	psi	**L1A**			X	X	X									
0 to 30,000	psi	**L2A**				X	X									
0 to 40,000	psi	**L4A**				X	X									
0 to 50,000	psi	**L7A**				X	X									
0 to 60,000	psi	**L9A**				X	X									
0 to 75,000	psi	**Q1A**					X									
0 to 100,000	psi	**Q2A**					X									
0 to 10	ft. WC	**B4S**										X	X			
0 to 50	ft. WC	**D4S**										X	X			
0 to 100	ft. WC	**D9S**										X	X			
0 to 250	ft. WC	**E7S**										X	X			
0 to 500	ft. WC	**F3S**										X	X			
0 to 750	ft. WC	**F6S**											X			
0 to 1,000	ft. WC	**F8S**											X			
0 to 1,500	ft. WC	**H2S**											X			
0 to 5	in. WC	**B1P**													X	X
0 to 10	in. WC	**B4P**													X	X
0 to 16	in. WC	**B8P**													X	X
0 to 20	in. WC	**C2P**													X	X
0 to 50	in. WC	**D4P**													X	X
0 to 75	in. WC	**D7P**													X	X
0 to 100	in. WC	**D9P**													X	X
0 to 150	in. WC	**E3P**													X	X
0 to 160	in. WC	**E4P**													X	X
0 to 200	in. WC	**E5P**													X	X
0 to 250	in. WC	**E7P**													X	X
0 to 300	in. WC	**E8P**													X	X
0 to 500	in. WC	**F3P**													X	X
0 to 750	in. WC	**F6P**													X	X

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