CANADA SENSORS TECHNOLOGY INC.

Manufacturer of Advanced Technology Pressure & Level Transmitters

CRN Approval, ISO 9001:2015 Certified

PRESSURE TRANSMITTER – PROCESS 3
General Purpose Service

Canada Sensors Technology Inc. offers an affordable solution with the Process 3 Pressure Transmitter without sacrificing quality or longevity of use.

FEATURES

- ✓ 4 – 20 mA Two Wire, Voltage, MODbus, CANbus, J1939, USB, Ethernet
- ✓ 0.25% BSL Accuracy
- ✓ Monolithic Block Glass Bonded One Piece Stainless Steel Machined Sensor
- ✓ No Welded Diaphragms, No Internal O-rings, No Silicone Oil Fill
- ✓ Single seal compliant to ANSI/ISA-12.27.01.2003
- ✓ Zero & Span Function
- ✓ >100 million Cycles
- ✓ Pressure Ranges from -30”Hg Vacuum to 10,000 PSI
- ✓ Heavy Duty 316SS Powder Coated Canister
- ✓ Temperature Compensated 0C to +50C
- ✓ Maximum Operating Temperature -40C to +95C
- ✓ Ingress Protection IP65
- ✓ Approved for General Purpose Use
- ✓ Multiple Electrical Connectors & Housings Available
- ✓ Multiple Process Connection Materials & Connection Threads Available
- ✓ Laser Engraved Product Information
- ✓ RoHS2 Compliant
- ✓ 2 Year Conditional Warranty (Serial Number Traceability)
- ✓ Unparalleled Value

Contact Us:

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Manufacturer of Advanced Technology Level and Pressure Transmitters

MISSION STATEMENT

Canada Sensors Technology Inc. strives to build a mutually positive and beneficial relationship with our customers, ensuring their long-term success, through the understanding of their needs and the needs of their customers.

We will listen to our customers and constantly improve our technologies as our customers’ needs change with time.

Canada Sensors Technology Inc. is committed to providing the highest level of product quality and customer service. Canada Sensors Technology Inc. is ISO 9001:2015 certified.

Technical Specifications - Process 3

Performance

Accuracy:	0.25% Full Scale Output
Stability:	< 0.1% Full Scale Output/Year
Temperature Range:	-40C to +95C
Temperature Accuracy:	1% Full Scale Output @ +50C
Pressure Cycles:	> 100 Million
Over Range Protection:	2 x Full Scale Output
Burst Pressure:	5 x Full Scale Output

NOTE: Over Range Protection and Burst Pressure shall be reduced to 1.5 x Full Scale Output for pressures exceeding 10,000 PSI due to thread limitations

Environmental Data

Temperature

Operating:	-40C to +95C (product accessories may alter temperature ratings)
Storage:	-55C to +125C

Thermal Limits

Compensated Range:	0 to +50C
Temp Comp Zero:	1% Full Scale Output @ +50C
Temp Comp Span:	1% Full Scale Output @ +50C

Electrical Data

Excitation:	9-32 VDC (product accessories may alter excitation values)
Comms:	4-20 mA, 0-5 VDC or 0-10 VDC or Ratio Metric, RS485-Modbus, CANopen, J939, USB, Ethernet
Current Consumption:	5 mA
Zero Offset:	0.5% Full Scale Output set by Customer
Span Tolerance:	0.5% Full Scale Output set by Customer
Output Load:	9 Volts typical @ 24 VDC 750 OHMS

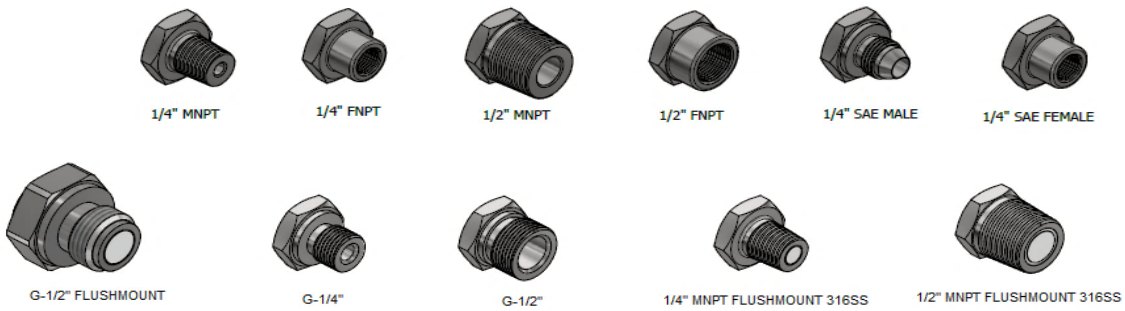
Physical Data

Sensor:	Monolithic Block: 17-4phSS, 316SS, Inconel-718, Titanium, Hastalloy-276
Vibration:	25gRMS from 20Hz to 2000Hz
Shock:	100g , half sine, 11mSec.
Sensor:	Silicone Oil Filled: 17-4phSS, 316SS, Inconel-718, Titanium, Hastalloy-276
Vibration:	25gRMS from 20Hz to 2000Hz
Shock:	100g , half sine, 11mSec.
NOTE: Silicone Oil Filled Sensors are a factory option for low pressure	
Process Connection:	1/4" MNPT; 1/4" FNPT; 1/2" MNPT; 1/2" FNPT; 1/4" SAE-Male; 1/4" SAE-Female; G-1/4"; G-1/2"; G-1/2" Flushmount 316SS, 1/4" MNPT Flushmount 316SS, 1/2" MNPT Flushmount 316SS
NOTE: ANSI Regulations dictate that NPT Thread should not to exceed 8,000 PSI @ +125C	
Electrical Connection:	316SS Thread-on 1/2" MNPT Solid Conduit Fitting or w/ Aluminum XP Heads; Big-DIN or w/LED Display; Bendix Twist 6 Pin (PTIH-10-6P); M12
NOTE: Big-DIN connection not approved for UV exposure	

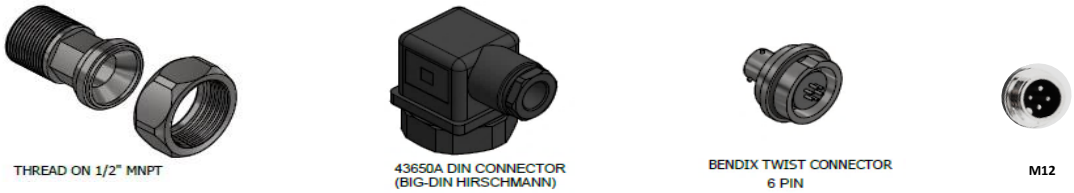
NOTE: 316SS Wetted Parts are the minimum requirement for NACE compliance

Product Weights:	OZ	LBS	KG
Process 3 w/ 316SS Thread-on ½" MNPT Solid Conduit Fitting (2 ft Flying Lead)	20.5	1.3	0.58
Process 3 w/ Big-DIN (DIN 43650 90 Degree Hirschmann) or Bendix Twist 6 Pin (PTIH-10-6P); M12	11.5	0.7	0.33
Process 3 w/ Aluminum XP Head (1/2" FNPT x 3) - 316SS Thread-on 1/2" MNPT Solid Conduit Fitting - Blank - No Window	55.5	3.5	1.57
Process 3 w/ Aluminum XP Head (1/2" FNPT x 3) - 316SS Thread-on 1/2" MNPT Solid Conduit Fitting w/ 3 1/2 + Digits LCD Loop Powered Display	68.5	4.3	1.94
Process 3 w/ Aluminum XP Head (1/2" FNPT x 3) - 316SS Thread-on 1/2" MNPT Solid Conduit Fitting w/ 5 Digits LCD Loop Powered Display	108.5	6.8	3.08
Process 3 w/ Big-DIN (DIN 43650 90 Degree Hirschmann) w/ LED Display	19.5	1.2	0.55

Process Connections:



Electrical Connections:



Product Accessories

Aluminum XP Head (1/2" FNPT x 3) - 316SS Thread-on 1/2" MNPT Solid Conduit Fitting - Blank - No Window

Aluminum XP Head (1/2" FNPT x 3) - 316SS Thread-on 1/2" MNPT Solid Conduit Fitting w/ 3 1/2 + Digits LCD Loop Powered Display

Aluminum XP Head (1/2" FNPT x 3) - 316SS Thread-on 1/2" MNPT Solid Conduit Fitting w/ 5 Digits LCD Loop Powered Display

Two Wired Smart LED SQUARE Display Unit

Product Nomenclature

MODEL: Pressure Transmitter - Process 3
PN Example: A-B-C-D-E-F-G-H-I-J
03-01-03-01-025-02-01-12-02-02:
Process 3 Transmitter, 4-20 mA, Zero and Span, Gauge (PSIG), 0 - 1500 PSI, 1/4" FNPT, 17-4phSS Wetted Parts, 316SS Thread-on 1/2" MNPT Solid Conduit Fitting with 2 ft Flying Lead, No Treatment, 0.25% Accuracy

	A	B	C	D	E	F	G	H	I	J

Model

03	-	Process 3

Output

01	-	4-20 mA
02	-	0-5 Volts
03	-	0-10 Volts
04	-	RS485 – Modbus
05	-	CANopen
06	-	J1939
07	-	USB
08	-	Ethernet

Calibration Adjustment

03	-	Zero and Span

Pressure Reference

01	-	Gauge (PSIG)
02	-	Absolute (PSIA)
03	-	Sealed Gauge

Pressure Range

001	-	-30"Hg Vac – 0 PSI
002	-	-30"Hg Vac x 15 PSI
003	-	-30"Hg Vac x 30 PSI
004	-	-30"Hg Vac x 60 PSI
005	-	-30"Hg Vac x 100 PSI
006	-	-30"Hg Vac x 150 PSI
007	-	-30"Hg Vac x 200 PSI
008	-	-30"Hg Vac x 300 PSI
009	-	-30"Hg Vac x 600 PSI
010	-	0 – 2 PSI
011	-	0 – 5 PSI
012	-	0 – 10 PSI
013	-	0 – 15 PSI
014	-	0 – 30 PSI
015	-	0 – 60 PSI
016	-	0 – 100 PSI
017	-	0 – 150 PSI
018	-	0 – 200 PSI
019	-	0 – 300 PSI
020	-	0 – 400 PSI
021	-	0 – 500 PSI
022	-	0 – 600 PSI
023	-	0 – 750 PSI
024	-	0 – 1000 PSI
025	-	0 – 1500 PSI
026	-	0 – 2000 PSI
027	-	0 – 3000 PSI
028	-	0 – 4000 PSI
029	-	0 – 5000 PSI
030	-	0 – 6000 PSI
031	-	0 – 7500 PSI
032	-	0 – 10000 PSI

Process Connection

01	-	¼" MNPT (Maximum Pressure 10,000 PSI)
02	-	¼" FNPT (Maximum Pressure 10,000 PSI)
03	-	½" MNPT (Maximum Pressure 10,000 PSI)
04	-	½" FNPT (Maximum Pressure 10,000 PSI)
05	-	¼" SAE-Male (Maximum Pressure 10,000 PSI)
06	-	¼" SAE-Female (Maximum Pressure 10,000 PSI)
07	-	G-¼" (Maximum Pressure 5,000 PSI)
08	-	G-1/2" (Maximum Pressure 5,000 PSI)
10	-	G-1/2" Flushmount 316SS (Maximum Pressure 5,000 PSI)
11	-	¼" MNPT Flushmount 316SS (Maximum Pressure 5,000 PSI)
12	-	½" MNPT Flushmount 316SS (Maximum Pressure 5,000 PSI)

Wetted Parts

01	-	17-4phSS
02	-	316SS
03	-	Inconel-718
04	-	Titanium
05	-	Hastelloy-276

Electrical Connection

12	-	316SS Thread-on ½" MNPT Solid Conduit Fitting (2 ft Flying Lead)
13	-	316SS Thread-on ½" MNPT Solid Conduit Fitting (4 ft Flying Lead)
14	-	316SS Thread-on ½" MNPT Solid Conduit Fitting (6 ft Flying Lead)
15	-	316SS Thread-on ½" MNPT Solid Conduit Fitting (10 ft Flying Lead)
22	-	Big-DIN (DIN 43650 90 Degree Hirschmann)
31	-	Bendix Twist Connector 6 Pin (PTIH-10-6P)
32	-	M12
36	-	Aluminum XP Head (1/2" FNPT x 3) - 316SS Thread-on 1/2" MNPT Solid Conduit Fitting - Blank - No Window
39	-	Aluminum XP Head (1/2" FNPT x 3) - 316SS Thread-on 1/2" MNPT Solid Conduit Fitting w/ 3 1/2 + Digits LCD Loop Powered Display
42	-	Aluminum XP Head (1/2" FNPT x 3) - 316SS Thread-on 1/2" MNPT Solid Conduit Fitting w/ 5 Digits LCD Loop Powered Display
91	-	Big-DIN (DIN 43650 90 Degree Hirschmann) w/ LED Display

Environmental Treatment

02	-	No Treatment
04	-	DLC (Diamond Like Coating)

Accuracy

02	-	0. 25 %

E: Alternate Pressure Range Units

kPa

kPa	**001 - kPa**	-	**-100 x 0 kPa**
kPa	**002 - kPa**	-	**-100 x 100 kPa**
kPa	**003 - Kpa**	-	**-100 x 200 kPa**
kPa	**004 - Kpa**	-	**-100 x 400 kPa**
kPa	**005 - kPa**	-	**-100 x 700 kPa**
kPa	**006 - kPa**	-	**-100 x 1000 kPa**
kPa	**007 - kPa**	-	**-100 x 1400 kPa**
kPa	**008 - kPa**	-	**-100 x 2000 kPa**
kPa	**009 - kPa**	-	**-100 x 4000 kPa**
kPa	**010 - kPa**	-	**0 – 15 kPa**
kPa	**011 - kPa**	-	**0 – 35 kPa**
kPa	**012 - kPa**	-	**0 – 70 kPa**
kPa	**013 - kPa**	-	**0 – 100 kPa**
kPa	**014 - kPa**	-	**0 – 200 kPa**
kPa	**015 - kPa**	-	**0 – 400 kPa**
kPa	**016 - kPa**	-	**0 – 700 kPa**
kPa	**017 - kPa**	-	**0 – 1000 kPa**
kPa	**018 - kPa**	-	**0 – 1400 kPa**
kPa	**019 - kPa**	-	**0 – 2000 kPa**
kPa	**020 - kPa**	-	**0 – 2800 kPa**
kPa	**021 - kPa**	-	**0 – 3500 kPa**
kPa	**022 - kPa**	-	**0 – 4000 kPa**
kPa	**023 - kPa**	-	**0 – 5000 kPa**
kPa	**024 - kPa**	-	**0 – 7000 kPa**
kPa	**025 - kPa**	-	**0 – 10000 kPa**
kPa	**026 - kPa**	-	**0 – 14000 kPa**
kPa	**027 - kPa**	-	**0 – 20000 kPa**
kPa	**028 - kPa**	-	**0 – 28000 kPa**
kPa	**029 - kPa**	-	**0 – 35000 kPa**
kPa	**030 - kPa**	-	**0 – 40000 kPa**
kPa	**031 - kPa**	-	**0 – 50000 kPa**
kPa	**032 - kPa**	-	**0 – 70000 kPa**

mBar

mBar	**001 - mBar**	-	**-1000 x 0 mBar**
mBar	**002 - mBar**	-	**-1000 x 1000 mBar**
mBar	**003 - mBar**	-	**-1000 x 2000 mBar**
mBar	**004 - mBar**	-	**-1000 x 4000 mBar**
mBar	**005 - mBar**	-	**-1000 x 7000 mBar**
mBar	**006 - mBar**	-	**-1000 x 10000 mBar**
mBar	**007 - mBar**	-	**-1000 x 14000 mBar**
mBar	**008 - mBar**	-	**-1000 x 20000 mBar**
mBar	**009 - mBar**	-	**-1000 x 40000 mBar**
mBar	**010 - mBar**	-	**0 – 150 mBar**
mBar	**011 - mBar**	-	**0 – 350 mBar**
mBar	**012 - mBar**	-	**0 – 700 mBar**
mBar	**013 - mBar**	-	**0 – 1000 mBar**
mBar	**014 - mBar**	-	**0 – 2000 mBar**
mBar	**015 - mBar**	-	**0 – 4000 mBar**
mBar	**016 - mBar**	-	**0 – 7000 mBar**
mBar	**017 - mBar**	-	**0 – 10000 mBar**
mBar	**018 - mBar**	-	**0 – 14000 mBar**
mBar	**019 - mBar**	-	**0 – 20000 mBar**
mBar	**020 - mBar**	-	**0 – 28000 mBar**
mBar	**021 - mBar**	-	**0 – 35000 mBar**
mBar	**022 - mBar**	-	**0 – 40000 mBar**
mBar	**023 - mBar**	-	**0 – 50000 mBar**
mBar	**024 - mBar**	-	**0 – 70000 mBar**
mBar	**025 - mBar**	-	**0 – 100000 mBar**
mBar	**026 - mBar**	-	**0 – 140000 mBar**
mBar	**027 - mBar**	-	**0 – 200000 mBar**
mBar	**028 - mBar**	-	**0 – 275000 mBar**
mBar	**029 - mBar**	-	**0 – 350000 mBar**
mBar	**030 - mBar**	-	**0 – 400000 mBar**
mBar	**031 - mBar**	-	**0 – 500000 mBar**
mBar	**032 - mBar**	-	**0 – 700000 mBar**

mm Hg

mm Hg	**001 - mm Hg**	-	**-1500 x 0 mm Hg**
mm Hg	**002 - mm Hg**	-	**-1500 x 800 mm Hg**
mm Hg	**003 - mm Hg**	-	**-1500 x 1500 mm Hg**
mm Hg	**004 - mm Hg**	-	**-1500 x 3000 mm Hg**
mm Hg	**005 - mm Hg**	-	**-1500 x 5000 mm Hg**
mm Hg	**006 - mm Hg**	-	**-1500 x 8000 mm Hg**
mm Hg	**007 - mm Hg**	-	**-1500 x10000 mm Hg**
mm Hg	**008 - mm Hg**	-	**-1500 x 15000 mm Hg**
mm Hg	**009 - mm Hg**	-	**-1500 x 30000 mm Hg**
mm Hg	**010 - mm Hg**	-	**0 – 100 mm Hg**
mm Hg	**011 - mm Hg**	-	**0 – 250 mm Hg**
mm Hg	**012 - mm Hg**	-	**0 – 500 mm Hg**
mm Hg	**013 - mm Hg**	-	**0 – 800 mm Hg**
mm Hg	**014 - mm Hg**	-	**0 – 1500 mm Hg**
mm Hg	**015 - mm Hg**	-	**0 – 3000 mm Hg**
mm Hg	**016 - mm Hg**	-	**0 – 5000 mm Hg**
mm Hg	**017 - mm Hg**	-	**0 – 8000 mm Hg**
mm Hg	**018 - mm Hg**	-	**0 – 10000 mm Hg**
mm Hg	**019 - mm Hg**	-	**0 – 15000 mm Hg**
mm Hg	**020 - mm Hg**	-	**0 – 20000 mm Hg**
mm Hg	**021 - mm Hg**	-	**0 – 25000 mm Hg**
mm Hg	**022 - mm Hg**	-	**0 – 30000 mm Hg**
mm Hg	**023 - mm Hg**	-	**0 – 40000 mm Hg**
mm Hg	**024 - mm Hg**	-	**0 – 50000 mm Hg**
mm Hg	**025 - mm Hg**	-	**0 – 80000 mm Hg**
mm Hg	**026 - mm Hg**	-	**0 – 100000 mm Hg**
mm Hg	**027 - mm Hg**	-	**0 – 150000 mm Hg**
mm Hg	**028 - mm Hg**	-	**0 – 200000 mm Hg**
mm Hg	**029 - mm Hg**	-	**0 – 250000 mm Hg**
mm Hg	**030 - mm Hg**	-	**0 – 300000 mm Hg**
mm Hg	**031 - mm Hg**	-	**0 – 400000 mm Hg**
mm Hg	**032 - mm Hg**	-	**0 – 500000 mm Hg**

in H_2O (60° F)

in H_2O (60° F)	**001 - in H_2O**	-	**-400 x 0 in H_2O (60° F)**
in H_2O (60° F)	**002 - in H_2O**	-	**-400 x 400 in H_2O (60° F)**
in H_2O (60° F)	**003 - in H_2O**	-	**-400 x 800 in H_2O (60° F)**
in H_2O (60° F)	**004 - in H_2O**	-	**-400 x 1500 in H_2O (60° F)**
in H_2O (60° F)	**005 - in H_2O**	-	**-400 x 3000 in H_2O (60° F)**
in H_2O (60° F)	**006 - in H_2O**	-	**-400 x 4000 in H_2O (60° F)**
in H_2O (60° F)	**007 - in H_2O**	-	**-400 x 5000 in H_2O (60° F)**
in H_2O (60° F)	**008 - in H_2O**	-	**-400 x 8000 in H_2O (60° F)**
in H_2O (60° F)	**009 - in H_2O**	-	**-400 x 16500 in H_2O (60° F)**
in H_2O (60° F)	**010 - in H_2O**	-	**0 - 60 H_2O (60° F)**
in H_2O (60° F)	**011 - in H_2O**	-	**0 - 150 in H_2O (60° F)**
in H_2O (60° F)	**012 - in H_2O**	-	**0 - 300 in H_2O (60° F)**
in H_2O (60° F)	**013 - in H_2O**	-	**0 - 400 in H_2O (60° F)**
in H_2O (60° F)	**014 - in H_2O**	-	**0 - 800 in H_2O (60° F)**
in H_2O (60° F)	**015 - in H_2O**	-	**0 - 1500 in H_2O (60° F)**
in H_2O (60° F)	**016 - in H_2O**	-	**0 - 3000 in H_2O (60° F)**
in H_2O (60° F)	**017 - in H_2O**	-	**0 - 4000 in H_2O (60° F)**
in H_2O (60° F)	**018 - in H_2O**	-	**0 - 5000 in H_2O (60° F)**
in H_2O (60° F)	**019 - in H_2O**	-	**0 - 8000 in H_2O (60° F)**
in H_2O (60° F)	**020 - in H_2O**	-	**0 - 10000 in H_2O (60° F)**
in H_2O (60° F)	**021 - in H_2O**	-	**0 - 14000 in H_2O (60° F)**
in H_2O (60° F)	**022 - in H_2O**	-	**0 - 16000 in H_2O (60° F)**
in H_2O (60° F)	**023 - in H_2O**	-	**0 - 20000 in H_2O (60° F)**
in H_2O (60° F)	**024 - in H_2O**	-	**0 - 30000 in H_2O (60° F)**
in H_2O (60° F)	**025 - in H_2O**	-	**0 - 40000 in H_2O (60° F)**
in H_2O (60° F)	**026 - in H_2O**	-	**0 - 50000 in H_2O (60° F)**
in H_2O (60° F)	**027 - in H_2O**	-	**0 - 80000 in H_2O (60° F)**
in H_2O (60° F)	**028 - in H_2O**	-	**0 - 100000 in H_2O (60° F)**
in H_2O (60° F)	**029 - in H_2O**	-	**0 - 140000 in H_2O (60° F)**
in H_2O (60° F)	**030 - in H_2O**	-	**0 - 160000 in H_2O (60° F)**
in H_2O (60° F)	**031 - in H_2O**	-	**0 - 200000 in H_2O (60° F)**
in H_2O (60° F)	**032 - in H_2O**	-	**0 - 300000 in H_2O (60° F)**

mm H_2O (4° C)

mm H_2O (4° C)	**001 - mm H_2O**	-	**-10000 x 0 mm H_2O (4° C)**
mm H_2O (4° C)	**002 - mm H_2O**	-	**-10000 x 10000 mm H_2O (4° C)**
mm H_2O (4° C)	**003 - mm H_2O**	-	**-10000 x 20000 mm H_2O (4° C)**
mm H_2O (4° C)	**004 - mm H_2O**	-	**-10000 x 40000 mm H_2O (4° C)**
mm H_2O (4° C)	**005 - mm H_2O**	-	**-10000 x 70000 mm H_2O (4° C)**
mm H_2O (4° C)	**006 - mm H_2O**	-	**-10000 x 100000 mm H_2O (4° C)**
mm H_2O (4° C)	**007 - mm H_2O**	-	**-10000 x 140000 mm H_2O (4° C)**
mm H_2O (4° C)	**008 - mm H_2O**	-	**-10000 x 200000 mm H_2O (4° C)**
mm H_2O (4° C)	**009 - mm H_2O**	-	**-10000 x 400000 mm H_2O (4° C)**
mm H_2O (4° C)	**010 - mm H_2O**	-	**0 - 1400 mm H_2O (4° C)**
mm H_2O (4° C)	**011 - mm H_2O**	-	**0 - 3500 mm H_2O (4° C)**
mm H_2O (4° C)	**012 - mm H_2O**	-	**0 - 7000 mm H_2O (4° C)**
mm H_2O (4° C)	**013 - mm H_2O**	-	**0 - 10000 mm H_2O (4° C)**
mm H_2O (4° C)	**014 - mm H_2O**	-	**0 - 20000 mm H_2O (4° C)**
mm H_2O (4° C)	**015 - mm H_2O**	-	**0 - 40000 mm H_2O (4° C)**
mm H_2O (4° C)	**016 - mm H_2O**	-	**0 - 70000 mm H_2O (4° C)**
mm H_2O (4° C)	**017 - mm H_2O**	-	**0 - 100000 mm H_2O (4° C)**
mm H_2O (4° C)	**018 - mm H_2O**	-	**0 - 140000 mm H_2O (4° C)**
mm H_2O (4° C)	**019 - mm H_2O**	-	**0 - 200000 mm H_2O (4° C)**
mm H_2O (4° C)	**020 - mm H_2O**	-	**0 - 300000 mm H_2O (4° C)**
mm H_2O (4° C)	**021 - mm H_2O**	-	**0 - 350000 mm H_2O (4° C)**
mm H_2O (4° C)	**022 - mm H_2O**	-	**0 - 400000 mm H_2O (4° C)**
mm H_2O (4° C)	**023 - mm H_2O**	-	**0 - 500000 mm H_2O (4° C)**
mm H_2O (4° C)	**024 - mm H_2O**	-	**0 - 700000 mm H_2O (4° C)**
mm H_2O (4° C)	**025 - mm H_2O**	-	**0 - 1000000 mm H_2O (4° C)**
mm H_2O (4° C)	**026 - mm H_2O**	-	**0 - 1400000 mm H_2O (4° C)**
mm H_2O (4° C)	**027 - mm H_2O**	-	**0 - 2000000 mm H_2O (4° C)**
mm H_2O (4° C)	**028 - mm H_2O**	-	**0 - 3000000 mm H_2O (4° C)**
mm H_2O (4° C)	**029 - mm H_2O**	-	**0 - 3500000 mm H_2O (4° C)**
mm H_2O (4° C)	**030 - mm H_2O**	-	**0 - 4000000 mm H_2O (4° C)**
mm H_2O (4° C)	**031 - mm H_2O**	-	**0 - 5000000 mm H_2O (4° C)**
mm H_2O (4° C)	**032 - mm H_2O**	-	**0 - 7000000 mm H_2O (4° C)**

in Hg (32° F)

in Hg (32° F)	**001 - in Hg**	-	**-30 x 0 in Hg (32° F)**
in Hg (32° F)	**002 - in Hg**	-	**-30 x 30 in Hg (32° F)**
in Hg (32° F)	**003 - in Hg**	-	**-30 x6 0 in Hg (32° F)**
in Hg (32° F)	**004 - in Hg**	-	**-30 x 125 in Hg (32° F)**
in Hg (32° F)	**005 - in Hg**	-	**-30 x 200 in Hg (32° F)**
in Hg (32° F)	**006 - in Hg**	-	**-30 x 300 in Hg (32° F)**
in Hg (32° F)	**007 - in Hg**	-	**-30 x 400 in Hg (32° F)**
in Hg (32° F)	**008 - in Hg**	-	**-30 x 600 in Hg (32° F)**
in Hg (32° F)	**009 - in Hg**	-	**-30 x 1200 in Hg (32° F)**
in Hg (32° F)	**010 - in Hg**	-	**0 - 5 in Hg (32° F)**
in Hg (32° F)	**011 - in Hg**	-	**0 - 10 in Hg (32° F)**
in Hg (32° F)	**012 - in Hg**	-	**0 - 20 in Hg (32° F)**
in Hg (32° F)	**013 - in Hg**	-	**0 - 30 in Hg (32° F)**
in Hg (32° F)	**014 - in Hg**	-	**0 - 60 in Hg (32° F)**
in Hg (32° F)	**015 - in Hg**	-	**0 - 125 in Hg (32° F)**
in Hg (32° F)	**016 - in Hg**	-	**0 - 200 in Hg (32° F)**
in Hg (32° F)	**017 - in Hg**	-	**0 - 300 in Hg (32° F)**
in Hg (32° F)	**018 - in Hg**	-	**0 - 400 in Hg (32° F)**
in Hg (32° F)	**019 - in Hg**	-	**0 - 600 in Hg (32° F)**
in Hg (32° F)	**020 - in Hg**	-	**0 - 800 in Hg (32° F)**
in Hg (32° F)	**021 - in Hg**	-	**0 - 1000 in Hg (32° F)**
in Hg (32° F)	**022 - in Hg**	-	**0 - 1200 in Hg (32° F)**
in Hg (32° F)	**023 - in Hg**	-	**0 - 1500 in Hg (32° F)**
in Hg (32° F)	**024 - in Hg**	-	**0 - 2000 in Hg (32° F)**
in Hg (32° F)	**025 - in Hg**	-	**0 - 3000 in Hg (32° F)**
in Hg (32° F)	**026 - in Hg**	-	**0 - 4000 in Hg (32° F)**
in Hg (32° F)	**027 - in Hg**	-	**0 - 6000 in Hg (32° F)**
in Hg (32° F)	**028 - in Hg**	-	**0 - 8000 in Hg (32° F)**
in Hg (32° F)	**029 - in Hg**	-	**0 - 10000 in Hg (32° F)**
in Hg (32° F)	**030 - in Hg**	-	**0 - 12000 in Hg (32° F)**
in Hg (32° F)	**031 - in Hg**	-	**0 - 15000 in Hg (32° F)**
in Hg (32° F)	**032 - in Hg**	-	**0 - 20000 in Hg (32° F)**

Bar

Bar	**001 - Bar**	-	**-1 x 0 Bar**
Bar	**002 - Bar**	-	**-1 x 1 Bar**
Bar	**003 - Bar**	-	**-1 x 2 Bar**
Bar	**004 - Bar**	-	**-1 x 4 Bar**
Bar	**005 - Bar**	-	**-1 x 7 Bar**
Bar	**006 - Bar**	-	**-1 x 10 Bar**
Bar	**007 - Bar**	-	**-1 x 14 Bar**
Bar	**008 - Bar**	-	**-1 x 20 Bar**
Bar	**009 - Bar**	-	**-1 x 40 Bar**
Bar	**010 - Bar**	-	**0 – 0.15 Bar**
Bar	**011 - Bar**	-	**0 – 0.35 Bar**
Bar	**012 - Bar**	-	**0 – 0.7 Bar**
Bar	**013 - Bar**	-	**0 – 1 Bar**
Bar	**014 - Bar**	-	**0 – 2 Bar**
Bar	**015 - Bar**	-	**0 – 4 Bar**
Bar	**016 - Bar**	-	**0 – 7 Bar**
Bar	**017 - Bar**	-	**0 – 10 Bar**
Bar	**018 - Bar**	-	**0 – 14 Bar**
Bar	**019 - Bar**	-	**0 – 20 Bar**
Bar	**020 - Bar**	-	**0 – 28 Bar**
Bar	**021 - Bar**	-	**0 – 35 Bar**
Bar	**022 - Bar**	-	**0 – 40 Bar**
Bar	**023 - Bar**	-	**0 – 50 Bar**
Bar	**024 - Bar**	-	**0 – 70 Bar**
Bar	**025 - Bar**	-	**0 – 100 Bar**
Bar	**026 - Bar**	-	**0 – 140 Bar**
Bar	**027 - Bar**	-	**0 – 200 Bar**
Bar	**028 - Bar**	-	**0 – 275 Bar**
Bar	**029 - Bar**	-	**0 – 350 Bar**
Bar	**030 - Bar**	-	**0 – 400 Bar**
Bar	**031 - Bar**	-	**0 – 500 Bar**
Bar	**032 - Bar**	-	**0 – 700 Bar**

ata (kg/cm^2)

ata (kg/cm^2)	**001 - ata**	-	**-1 x 0 ata (kg/cm^2)**
ata (kg/cm^2)	**002 - ata**	-	**-1 x 1.0 ata (kg/cm^2)**
ata (kg/cm^2)	**003 - ata**	-	**-1 x 2.1 ata (kg/cm^2)**
ata (kg/cm^2)	**004 - ata**	-	**-1 x 4 ata (kg/cm^2)**
ata (kg/cm^2)	**005 - ata**	-	**-1 x 7 ata (kg/cm^2)**
ata (kg/cm^2)	**006 - ata**	-	**-1 x 10 ata (kg/cm^2)**
ata (kg/cm^2)	**007 - ata**	-	**-1 x 14 ata (kg/cm^2)**
ata (kg/cm^2)	**008 - ata**	-	**-1 x 21 ata (kg/cm^2)**
ata (kg/cm^2)	**009 - ata**	-	**-1 x 40 ata (kg/cm^2)**
ata (kg/cm^2)	**010 - ata**	-	**0 - 0.14 ata (kg/cm^2)**
ata (kg/cm^2)	**011 - ata**	-	**0 - 0.35 ata (kg/cm^2)**
ata (kg/cm^2)	**012 - ata**	-	**0 - 0.7 ata (kg/cm^2)**
ata (kg/cm^2)	**013 - ata**	-	**0 - 1 ata (kg/cm^2)**
ata (kg/cm^2)	**014 - ata**	-	**0 - 2.1 ata (kg/cm^2)**
ata (kg/cm^2)	**015 - ata**	-	**0 - 4 ata (kg/cm^2)**
ata (kg/cm^2)	**016 - ata**	-	**0 - 7 ata (kg/cm^2)**
ata (kg/cm^2)	**017 - ata**	-	**0 - 10 ata (kg/cm^2)**
ata (kg/cm^2)	**018 - ata**	-	**0 - 14 ata (kg/cm^2)**
ata (kg/cm^2)	**019 - ata**	-	**0 - 21 ata (kg/cm^2)**
ata (kg/cm^2)	**020 - ata**	-	**0 - 30 ata (kg/cm^2)**
ata (kg/cm^2)	**021 - ata**	-	**0 - 35 ata (kg/cm^2)**
ata (kg/cm^2)	**022 - ata**	-	**0 - 40 ata (kg/cm^2)**
ata (kg/cm^2)	**023 - ata**	-	**0 - 50 ata (kg/cm^2)**
ata (kg/cm^2)	**024 - ata**	-	**0 - 70 ata (kg/cm^2)**
ata (kg/cm^2)	**025 - ata**	-	**0 - 100 ata (kg/cm^2)**
ata (kg/cm^2)	**026 - ata**	-	**0 - 140 ata (kg/cm^2)**
ata (kg/cm^2)	**027 - ata**	-	**0 - 210 ata (kg/cm^2)**
ata (kg/cm^2)	**028 - ata**	-	**0 - 300 ata (kg/cm^2)**
ata (kg/cm^2)	**029 - ata**	-	**0 - 350 ata (kg/cm^2)**
ata (kg/cm^2)	**030 - ata**	-	**0 - 400 ata (kg/cm^2)**
ata (kg/cm^2)	**031 - ata**	-	**0 - 500 ata (kg/cm^2)**
ata (kg/cm^2)	**032 - ata**	-	**0 - 700 ata (kg/cm^2)**