

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Visit our website - *Click HERE*

Configurable Pressure Transducers

FP2000 Series

2-WEEK DELIVERY

mV/V, 0-5, 0-10 VDC, OR 4-20 mA

GAGE, ABSOLUTE, VACUUM, BAROMETRIC



The FP2000 series is a manufacturing and delivery system which allows the customer to select the configuration which best fits the needs of the application. Choose from two accuracies, four outputs, six pressure ports, five electrical terminations and twenty-five pressure ranges. The FP is available with gage, absolute, barometric or vacuum reference and, best of all, they deliver in 2 weeks or less.

	Order Code	Gage FPG	Absolute FPA	Barometric FPB	Vacuum FPV
PERFORMANCE	Pressure Ranges		See chart next page		
	Accuracy (BFSL)		0.1% or 0.25% F.S.		
	Output (selectable)		mV/V, 0-5 VDC, 0-10 VDC, or 4-20 mA (2 wire)		
	Resolution		Infinite		
ENVIRONMENTAL	Temperature, Operating		-40° F to 240° F		
	Temperature, Compensated		40° F to 140° F		
	Temperature Error Band*				
	0.1% Accuracy		±0.5% F.S.		
	0.25% Accuracy		±1% F.S.		
ELECTRICAL	Excitation (calibration)				
	Amplified (4-20mA, 0-5 VDC)		9 - 28 VDC		
	Amplified (0-10 VDC)		15 -28 VDC		
	Unamplified (mV/V)		10 VDC		
MECHANICAL	Media		Gas, Liquid		
	Overload-Safe				
	1000 psi and below		4x FS or 3,000 psi, whichever is less		
	1500 psi and above		4x FS or 15,000 psi, whichever is less		
	Wetted Parts Material		Ha C276 & 316L ss		

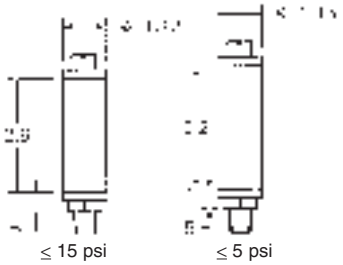
*For ranges below 15psi, temperature effects may vary.

Non-amplified output @10 VDC excitation

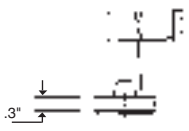
	FPG & FPA	*FPV*	*FPB*
0.10% accuracy	50 mV	33 mV	40 mV
0.25% accuracy	100 mV	50 mV	80 mV

Dimensions

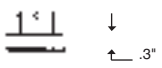
GAGE, ABSOLUTE, BAROMETRIC & VACUUM



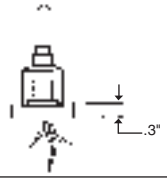
CODE 6n
4-PIN, VENTED MINI DIN



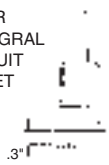
CODE 6a
6-PIN, VENTED BENDIX STYLE



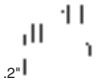
CODE 6q
4-CONDUCTOR VENTED, INTEGRAL CABLE, 5 FEET



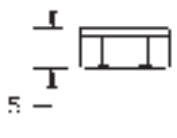
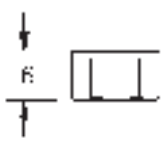
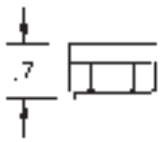
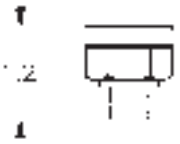
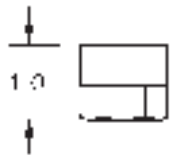
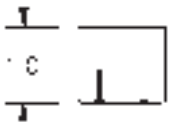
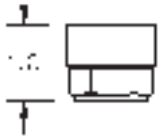
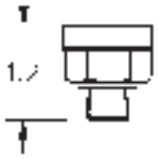
CODE 6r
4-CONDUCTOR VENTED, INTEGRAL CABLE, CONDUIT FITTING, 5 FEET



CODE 6m
4-PIN, VENTED STD. DIN (43650)



Honeywell
Sensotec Sensors

Pressure Port Options	CODE 5a 1/4-18 NPT Female	CODE 5b 1/4-18 NPT Male	CODE 5c 7/16-20 UNF Female	CODE 5d 7/16-20 UNF Male	CODE 5f G1/4B Female	CODE 5g G1/4 B Male
≤1000PSI						
≥1500PSI						

HOW TO ORDER

www.sensotec.com/FP2000.htm

It's easy to order exactly what you need. Simply make one selection in each of the required categories, choose adders and accessories only if you want them. The result is a custom transducer with standard delivery!

Example Order Code:	TYPE	ACCURACY	RANGE	OUTPUT	PORT	CONNECTOR
	FPG	1	AT	2u	5b	6a

This example is for a gage pressure unit, 0.10% accuracy, 5 psi range, mV/V output, 1/4-18 NPT Male pressure port, and a Bendix electrical connection.

TRANSDUCER TYPE
- ❑ Gage (FPG)
- ❑ Absolute (FPA)
- ❑ Barometric (FPB)
- ❑ Vacuum (FPV)

ACCURACY
- ❑ 0.10% (1)
- ❑ 0.25% (2)

GAGE/ABSOLUTE RANGES
- ❑ 10" H_2O (WA)*
- ❑ 1 psi (AP)*
- ❑ 5 psi (AT)
- ❑ 15 psi (BJ)
- ❑ 30 psi (BM)
- ❑ 50 psi (BN)
- ❑ 100 psi (BR)
- ❑ 150 psi (CJ)
- ❑ 250 psi (CN)
- ❑ 500 psi (CR)
- ❑ 750 psi (CT)
- ❑ 1000 psi (CV)
- ❑ 1500 psi (DJ)
- ❑ 2500 psi (DM)
- ❑ 5000 psi (DR)
- ❑ 7500 psi (DT)
- ❑ 10000 psi (DV)

*Gage only



BAROMETRIC
- ❑ 16"-32" Hga (UQ)
- ❑ 26"-32" Hga (UR)
- ❑ 0-30" Hga (UG)

VACUUM
- ❑ 10" H_2Ov (WA)
- ❑ 1 psiv (AP)
- ❑ 5 psiv (AT)
- ❑ 10 psiv (AV)
- ❑ 15 psiv (BJ)

ELECTRICAL CONNECTIONS
- ❑ Bendix PTIH-106P (6a)
- ❑ MINI DIN, 40050 (6n)
- ❑ 5´ Integral cable, polyurethane (6q)
- ❑ Std. DIN, 43650 (6m)
- ❑ Conduit fitting, (6r)

AVAILABLE OUTPUTS
- ❑ mV/V (2u)
- ❑ 5 VDC (2d)
- ❑ 10 VDC (2g)
- ❑ 4-20 mA (2p)
- ❑ 4-20 mA, CE (2y)
- ❑ 4-20 mA, Intrinsically Safe (2n or 2N; limited to ranges </= 5000 psi.)

PRESSURE PORTS
- ❑ 1/4-18 NPT F (5a)
- ❑ 1/4-18 NPT M (5b)
- ❑ 7/16-20 UNF F (5c)
- ❑ 7/16-20 UNF M (5d)
- ❑ G 1/4 B F (5f)
- ❑ G 1/4 B M (5g)

ADDERS

Selecting an Adder will automatically update the output code.

- ❑ Extended temperature range (1y)
- ❑ Buffered shunt cal (3d)
- ❑ CE rating (9e)
- ❑ Intrinsically safe, 2 wire (9d) See page AP-6
- ❑ CE and Intrinsically safe (9f) See page AP-6
- ❑ Potentiometers (14c)

ACCESSORIES

Mating connectors with 15' of cable for Bendix connector (6a)

	without shunt	with shunt (3d)
❑ mV/V	AA113	AA513
❑ 4-20 mA	AA116	AA516
❑ 0-5 / 0-10 VDC	AA117	AA517

Mating Connectors Only

❑ Mini DIN (40050)	AA161
❑ Bendix	AA111
❑ Standard DIN (43650)	AA157

WIRING CODES, no shunt cal

Mating Connectors \ Output	mV/V 2u	0-5 VDC 2d	0-10 VDC 2g	4-20 mA 2p	4-20 mA 2n or 2N
AA161 Mini DIN	#37	#38	#38	#54	#53
AA111 Bendix	#2	#50	#50	#49	#23
6q Integral Cable	#1	#52	#52	#51	#22
6r Conduit	#1	#52	#52	#51	#22
AA157 Std DIN	#37	#38	#38	#54	#53

WIRING CODES, with shunt cal option (3d)

Output	mV/V 2u	0-5 VDC 2e	0-10 VDC 2f	4-20 mA 2y	4-20 mA 2n or 2N
AA161 Mini DIN	NA	#56	#56	#55	#64
AA111 Bendix	#57	#60	#60	#58	#59
6q Integral Cable	NA	#63	#63	#61	#62
6r Conduit Fitting	NA	#63	#63	#61	#62
AA157 Std DIN	NA	#56	#56	#55	#64

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP