

**FEATURES**

- mV/V, 0 Vdc to 5 Vdc, 0 Vdc to 10 Vdc, 4 mA to 20 mA
- Gage, absolute, barometric, vacuum
- Differential (wet/wet, wet/dry)
- Intrinsically safe option<sup>5</sup>
- CE available<sup>6</sup>



**DESCRIPTION**

The FP2000 series is a configurable differential pressure transducer which allows the customer to select the configuration which best fits the needs of the application. Choose from multiple accuracies, outputs, pressure ports, electrical terminations, and pressure ranges.

The FP2000 is available with gage, absolute, barometric, or vacuum reference and, best of all, they delivery in two weeks or less.



## PERFORMANCE SPECIFICATIONS

Characteristic	Measure
Accuracy <sup>1</sup>	See accuracy table
Output (selectable)	mV/V (see accuracy table), 0 Vdc to 5 Vdc, 0 Vdc to 10 Vdc, or 4 mA to 20 mA (two wire)
Resolution	Infinite

## ENVIRONMENTAL SPECIFICATIONS

Characteristic	Measure
Temperature, operating	-40 °C to 116 °C [-40 °F to 240 °F]
Temperature, compensated	4 °C to 60 °C [40 °F to 140 °F] <sup>2</sup>
Temperature, error band <sup>2</sup>	
0.10 % accuracy	±0.5 % full scale
0.25 % accuracy	±1.0 % full scale

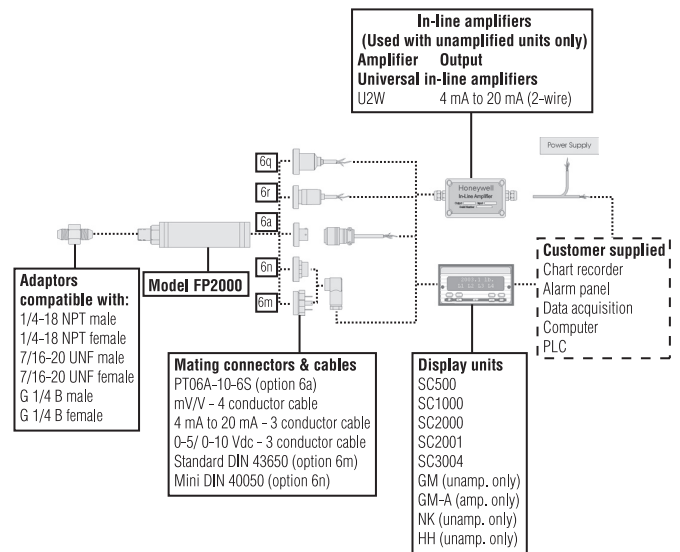
## ELECTRICAL SPECIFICATIONS

Characteristic	Measure
Excitation (calibration)	
Amplified	
(4 mA to 20 mA; 0 Vdc to 5 Vdc)	9 Vdc to 28 Vdc
Amplified	
(0 Vdc to 10 Vdc)	15 Vdc to 28 Vdc
Unamplified (mV/V)	10 Vdc

## MECHANICAL SPECIFICATIONS

Characteristic	Measure
Media 3	Gas, liquid
Overload - safe	
positive (+) direction	4X full scale or 3000 psi, whichever is less
negative (-) direction	4X full scale or 250 psi, whichever is less
Overload - burst	
positive (+) direction	3000 psi
negative (-) direction	500 psi
Pressure port	200 % over capacity
Wetted parts material	Ha C276 & 316L stainless steel

## TYPICAL SYSTEM DIAGRAM



## PRESSURE RANGES AND RANGE CODES

	psi	Range code	torr	Range code	mBar	Range code	kPa	Range code	Bar	Range code	in Hg	Range code	mm Hg	Range code	in H <sub>2</sub> O	Range code
<b>Gage/ Absolute</b>	0.5*	AN	15**	HA	35**	JA	2**	KA	0.035**	MA	1**	UB	15**	VA	5**	WB
	1*	AP	50**	HB	70**	JB	7**	KB	0.1**	MB	2**	UD	50**	VB	10**	WA
	2*	AR	135**	HC	175**	JC	15**	KC	0.2	MC	5	UF	135	VC	20**	WC
	2.5*	AS	250	HD	350	JD	35	KD	0.5	MD	10	UA	250	VD	30**	WE
	5	AT	750	HE	700	JE	70	KE	1	ME	15	UC	750	VE	50**	WG
	10	AV	1500	HF	750	JF	100	KF	2	MF	20	UE	1500	VF	100	WI
	15	BJ			1000	JG	200	KG	3.5	NA	30	UG			120	WK
	25	BL			3500	JH	300	KH	5	MG	50	UI			150	WM
	30	BM			7000	JI	700	KJ	7	NB	60	UK			200	WP
	50	BN			10000	JK	1000	KL	10	MH	80	UM			300	WR
	75	BP					1500	KM	20	MI	100	UP			500	WS
	100	BR					1700	KN	30	MJ	200	UH				
	150	CJ					2000	KP	35	NC	300	UJ				
	200	CL					3000	KQ	50	MK	500	UL				
	250	CN					5000	KR	70	ND	1000	UN				
	300	CP					7000	KS	100		0-32	US				
	400	CQ					10000	KT	135	NE	16-32	UQ				
	500	CR					15000	KU	350	NG	26-32	UR				
	600	CS					20000	KV	500	MM						
	750	CT					35000	KW	700	NH						
	1000	CV					50000	KY								
	1500	DJ					70000	KZ								
	2000	DL														
	2500	DM														
	3000	DN														
	5000	DR														
	6000	DS														
7500	DT															
10000	DV															
<b>Barometric (Order code FPB)</b>											0-30	UG				
											16-32	UQ				
											26-32	UR				
<b>Vacuum (Order code FPV)</b>	1	AP	50	HB	35	JA	7	KB	0.035	MA	10	UA	15	VA	10	WA
	5	AT	135	HC	70	JB	15	KC	0.1	MB	20	UE	50	VB	20	WC
	10	AV	250	HD	175	JC	35	KD	0.2	MC	30	UG	135	VC	30	WE
	15	BJ	750	HE	350	JD	100	KF	0.5	MD			250	VD	50	WG
					700	JE			1	ME			750	VE	100	WI
					750	JF										
					1000	JG										
<b>Differential (Order codes FDD, FDW)</b>	0.5	AN	15	HA	35	JA	2	KA	0.035	MA	1	UB	15	VA	5	WB
	1	AP	50	HB	70	JB	7	KB	0.1	MB	2	UD	50	VB	10	WA
	2	AR	135	HC	175	JC	15	KC	0.2	MC	5	UF	135	VC	20	WC
	2.5	AS	250	HD	350	JD	35	KD	0.5	MD	10	UA	250	VD	30	WE
	5	AT	750	HE	700	JE	70	KE	1	ME	15	UC	750	VE	50	WG
	10	AV	1500	HF	750	JF	100	KF	2	MF	20	UE	1500	VF	100	WI
	15	BJ			1000	JG	200	KG	3.5	NA	30	UG			120	WK
	25	BL			3500	JH	300	KH	5	MG	50	UI			150	WM
	30	BM			7000	JI	700	KJ	7	NB	60	UK			200	WP
	50	BN			10000	JK	1000	KL	10	MH	80	UM			300	WR
	75	BP					1500	KM	20	MI	100	UP			500	WS
	100	BR					1700	KN	30	MJ	200	UH				
	150	CJ					2000	KP	35	NC	300	UJ				
	200	CL					3000	KQ	50	MK	500	UL				
	250	CN					5000	KR	70	ND	1000	UN				
	300	CP					7000	KS			0-32	US				
	400	CQ					10000	KT			16-32	UQ				
	500	CR					15000	KU			26-32	UR				
	600	CS					20000	KV								
	750	CT					35000	KW								
	1000	CV					50000	KY								

\* 0.5 psi to 2.5 psi ranges are not available for absolute pressure

\*\* Not available in absolute



#### INTERNAL AMPLIFIERS

Amplifier specifications	Unamplified output: Option 2u	Voltage output: Option 2d	Voltage output: Option 2g	Current two-wire: Option 2p
Output signal	See accuracy table	0 Vdc to 5 Vdc	0 Vdc to 10 Vdc	4 mA to 20 mA
Input power (voltage)	10 Vdc	9 Vdc to 28 Vdc	15 Vdc to 28 Vdc	9 Vdc to 32 Vdc
Input power (current)	2 mA @ 10 Vdc	10 mA	15 mA	4 mA to 24 mA
Frequency response	Natural frequency	300 Hz	300 Hz	300 Hz
Power supply rejection	N/A	60 dB	60 dB	60 dB
Operating temperature	-40 °C to 116 °C [-40 °F to 240 °F]	-29 °C to 85 °C [-20 °F to 185 °F]	-29 °C to 85 °C [-20 °F to 185 °F]	-29 °C to 85 °C [-20 °F to 185 °F]
Reverse voltage protection	N/A	Yes	Yes	Yes
Short circuit protection	N/A	Momentary	Momentary	Yes

Amplifier specifications	Voltage output: Option 2e	Voltage output: Option 2f	Intrinsically safe amp: Option 2n (2N)***	Current two-wire: Option 2y
Output signal	0 Vdc to 5 Vdc	0 Vdc to 10 Vdc	4 mA to 20 mA	4 mA to 20 mA
Input power (voltage)	9 Vdc to 28 Vdc	15 Vdc to 28 Vdc	9 Vdc to 28 Vdc	9 Vdc to 32 Vdc
Input power (current)	10 mA	15 mA	4 mA to 24 mA	4 mA to 24 mA
Frequency response	2000 Hz	2000 Hz	2000 Hz	2000 Hz
Power supply rejection	60 dB	60 dB	60 dB	60 dB
Operating temperature	-29 °C to 85 °C [-20 °F to 185 °F]	-29 °C to 85 °C [-20 °F to 185 °F]	-29 °C to 85 °C [-20 °F to 185 °F]	-29 °C to 85 °C [-20 °F to 185 °F]
Reverse voltage protection	Yes	Yes	Yes	Yes
Short circuit protection	Momentary	Momentary	Yes	Yes

#### ACCURACY

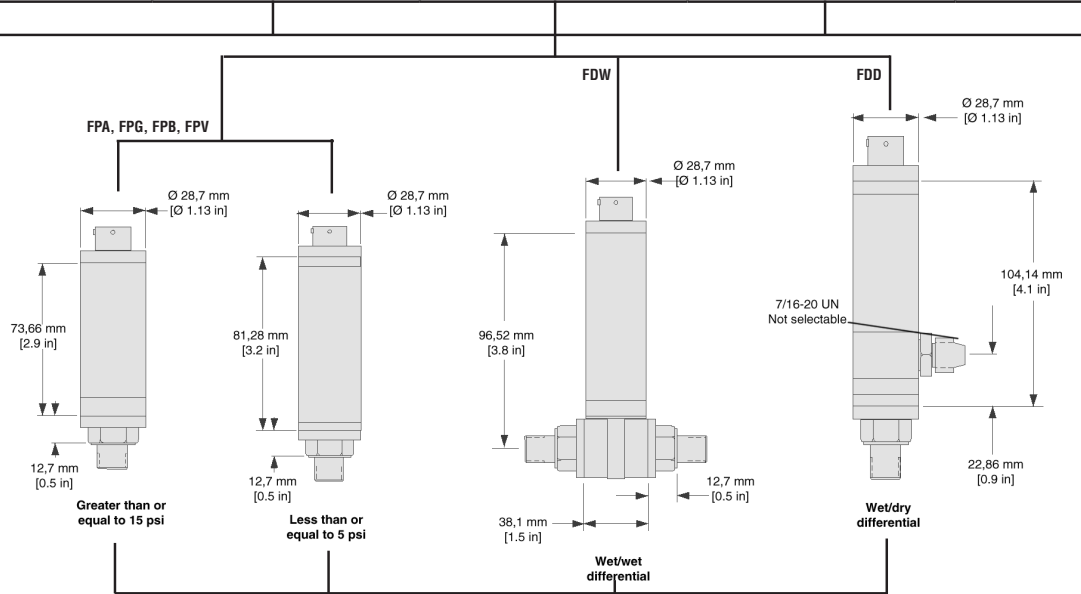
Non-amplified output @ 10 Vdc excitation	Gage and absolute	Vacuum	Barometric	Differential
0.10 % accuracy	50 mV <sup>4</sup>	25 mV	40 mV	50 mV <sup>4</sup>
0.25 % accuracy	100 mV	50 mV	80 mV	100 mV



## MOUNTING DIMENSIONS

### Electrical termination

Code 6a: 6-pin, vented, Bendix style	Code 6m: 4-pin, vented, standard DIN (43650)	Code 6n: 4-pin, vented, mini DIN	Code 6q: 4-conductor, vented, integral cable, 1,52 m [5 ft]	Code 6r: 4-conductor, vented, integral cable, conduit fitting 1,52 m [5 ft]



### Pressure ports

	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 G 1/4 B female	Code 5g G 1/4 B male
<b>Less than 1000 psi</b>						
<b>Greater than 1500 psi</b>						
	Code 5h 1/8-27 NPT female	Code 5i 1/8-27 NPT male	Code 5p M12-1.5 male	Code 5q M12-1.5 female	Code 5r 9/16-18 SAE male	Code 5s 9/16-18 SAE female
<b>Less than 1000 psi</b>						
<b>Greater than 1500 psi</b>						

### WIRING CODES

	Unamplified output: Option 2u		Voltage output: Option 2d/2e		Voltage output: Option 2g/2f		Current two-wire: Option 2p/2y		Intrinsically safe amp: Option 2n (2N)***	
<b>Bendix PTIH-10-6P (Option 6a)</b>										
No shunt cal	A	(+) Excitation	A	(+) Supply	A	(+) Supply	A	(+) Supply	A	(+) Supply
	B	(+) Excitation	B	(-) Supply return	B	(-) Supply return	B	No connection	B	No connection
	C	(-) Excitation	C	(-) Output 0 Vdc to 5 Vdc	C	(-) Output 0 Vdc to 10 Vdc	C	No connection	C	No connection
	D	(-) Excitation	D	(+) Output	D	(+) Output Vdc	D	(+) Output 4 mA to 20 mA	D	(+) Output 4 mA to 20 mA
	E	(-) Output	E	No connection	E	No connection	E	No connection	E	Case ground
	F	(+) Output	F	No connection	F	No connection	F	No connection	F	No connection
With shunt cal (option 3d)	A	(+) Excitation	A	(+) Supply	A	(+) Supply	A	(+) Supply	A	(+) Supply
	B	(-) Excitation	B	(-) Supply return	B	(-) Supply return	B	No connection	B	No connection
	C	(+) Output	C	(-) Output 0 Vdc to 5 Vdc	C	(-) Output 0 Vdc to 10 Vdc	C	No connection	C	No connection
	D	(-) Output	D	(+) Output	D	(+) Output	D	(+) Output 4 mA to 20 mA	D	(+) Output 4 mA to 20 mA
	E	No connection	E	No connection	E	No connection	E	No connection	E	No connection
	F	Shunt Cal	F	Shunt cal	F	Shunt cal	F	Shunt cal	F	Shunt cal
<b>Std. DIN 43650 (Option 6m)</b>										
No shunt cal	1	(+) Excitation	1	(+) Supply	1	(+) Supply	1	(+) Supply	1	(+) Supply
	2	(+) Output	2	(+) Output	2	(+) Output	2	(+) Output 4 mA to 20 mA	2	(+) Output
	3	(-) Output	3	Supply/ output com.	3	Supply/ output com.	3	No connection	3	Case ground
	4	(-) Excitation	GND	No connect. to case	GND	No connect. to case	GND	No connection	GND	No connection
With shunt cal (option 3d)	Not Applicable		1	(+) Supply	1	(+) Supply	1	(+) Supply	1	(+) Supply
			2	(+) Output	2	(+) Output	2	(+) Output 4 mA to 20 mA	2	(+) Output
			3	Supply/output com.	3	Supply/output com.	3	No connection	3	Case ground
			GND	Shunt cal	GND	Shunt cal	GND	Shunt cal	GND	Shunt cal
<b>Mini DIN 40050 (Option 6n)</b>										
No shunt cal	1	(+) Excitation	1	(+) Supply	1	(+) Supply	1	(+) Supply	1	(+) Supply
	2	(+) Output	2	(+) Output	2	(+) Output	2	(+) Output 4 mA to 20 mA	2	(+) Output
	3	(-) Output	3	Supply/output com.	3	Supply/output com.	3	No connection	3	Case ground
	4	(-) Excitation	GND	No connect. to case	GND	No connect. to case	GND	No connection to case	GND	No connection
With shunt cal (option 3d)	Not Applicable		1	(+) Supply	1	(+) Supply	1	(+) Supply	1	(+) Supply
			2	(+) Output	2	(+) Output	2	(+) Output 4 mA to 20 mA	2	(+) Output
			3	Supply/output com.	3	Supply/output com.	3	No connection	3	Case ground
			GND	Shunt cal	GND	Shunt cal	GND	Shunt cal	GND	Shunt cal
<b>1.83 m [5 ft] integral cable (Option 6q)</b>										
No shunt cal	R	(+) Excitation	R	(+) Supply	R	(+) Supply	R	(+) Supply	R	(+) Supply
	Bl	(-) Excitation	Bl	(-) Supply return	Bl	(-) Supply return	Bl	(+) Output 4 mA to 20 mA	Bl	(+) Output 4 mA to 20 mA
	G	(-) Output	G	(-) Output	G	(-) Output				
	W	(+) Output	W	(+) Output 0 Vdc to 5 Vdc	W	(+) Output 0 Vdc to 10 Vdc			W	Case ground
With shunt cal (option 3d)	Not Applicable		R	(+) Supply	R	(+) Supply	R	(+) Supply	R	(+) Supply
			Bl	(-) Supply return	Bl	(-) Supply return	Bl	(+) Output 4 mA to 20 mA	Bl	(+) Output 4 mA to 20 mA
			G	Shunt cal	G	Shunt cal	G	Shunt cal	W	Case ground
			W	(+) Output 0 Vdc to 5 Vdc	W	(+) Output 0 Vdc to 10 Vdc			G	Shunt cal
<b>Conduit fitting (Option 6r)</b>										
No shunt cal	R	(+) Excitation	R	(+) Supply	R	(+) Supply	R	(+) Supply	R	(+) Supply
	Bl	(-) Excitation	Bl	(-) Supply return	Bl	(-) Supply return	Bl	(+) Output 4 mA to 20 mA	Bl	(+) Output 4 mA to 20 mA
	G	(-) Output	G	(-) Output	G	(-) Output				
	W	(+) Output	W	(+) Output 0 Vdc to 5 Vdc	W	(+) Output 0 Vdc to 10 Vdc			W	Case ground
With shunt cal (option 3d)	Not Applicable		R	(+) Supply	R	(+) Supply	R	(+) Supply	R	(+) Supply
			Bl	(-) Supply return	Bl	(-) Supply return	Bl	(+) Output 4 mA to 20 mA	Bl	(+) Output 4 mA to 20 mA
			G	Shunt cal	G	Shunt cal	G	Shunt cal	W	Case ground
			W	(+) Output 0 Vdc to 5 Vdc	W	(+) Output 0 Vdc to 10 Vdc			G	Shunt cal

Note: For wiring codes, R=red; Bl = black; W = white; G = green. Color specifies cable and letter or number specifies connection



### How to order

The **FP2000 Order Code** is an easy way for you to order exactly what you want the factory to build. Simply make one selection in each of the six required categories. Choose adders and accessories only if you require them.

<h4 style="margin: 0;">Step 1</h4> <h5 style="margin: 5px 0;">Transducer type</h5> <table style="width: 100%; border: none;"> <tr> <td style="width: 70%;"><input type="checkbox"/> Pressure - gage</td> <td style="width: 30%; text-align: right;">Type Code</td> </tr> <tr> <td><input type="checkbox"/> Pressure - absolute</td> <td style="text-align: right;">FPA</td> </tr> <tr> <td><input type="checkbox"/> Differential - wet/wet</td> <td style="text-align: right;">FDW</td> </tr> <tr> <td><input type="checkbox"/> Pressure - barometric</td> <td style="text-align: right;">FPB</td> </tr> <tr> <td><input type="checkbox"/> Differential - wet/dry</td> <td style="text-align: right;">FDD</td> </tr> <tr> <td><input type="checkbox"/> Pressure - vacuum</td> <td style="text-align: right;">FPV</td> </tr> </table> <h5 style="margin: 5px 0;">Unit type</h5> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;"><input type="checkbox"/> psi</td> <td style="width: 50%;"><input type="checkbox"/> bar</td> </tr> <tr> <td><input type="checkbox"/> torr</td> <td><input type="checkbox"/> in Hg</td> </tr> <tr> <td><input type="checkbox"/> mBar</td> <td><input type="checkbox"/> mm Hg</td> </tr> <tr> <td><input type="checkbox"/> kPa</td> <td><input type="checkbox"/> in H<sub>2</sub>O</td> </tr> </table>	<input type="checkbox"/> Pressure - gage	Type Code	<input type="checkbox"/> Pressure - absolute	FPA	<input type="checkbox"/> Differential - wet/wet	FDW	<input type="checkbox"/> Pressure - barometric	FPB	<input type="checkbox"/> Differential - wet/dry	FDD	<input type="checkbox"/> Pressure - vacuum	FPV	<input type="checkbox"/> psi	<input type="checkbox"/> bar	<input type="checkbox"/> torr	<input type="checkbox"/> in Hg	<input type="checkbox"/> mBar	<input type="checkbox"/> mm Hg	<input type="checkbox"/> kPa	<input type="checkbox"/> in H <sub>2</sub> O	<h4 style="margin: 0;">Step 2</h4> <h5 style="margin: 5px 0;">Pressure range</h5> <p>Gage, absolute, and differential</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 45%; text-align: center;">Range code</td> <td style="width: 10%;"></td> <td style="width: 45%; text-align: center;">Range code</td> </tr> <tr> <td><input type="checkbox"/> 0.5 psi AN</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/> 250 psi CN</td> </tr> <tr> <td><input type="checkbox"/> 1 psi AP</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/> 300 psi CP</td> </tr> <tr> <td><input type="checkbox"/> 2 psi AR</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/> 400 psi CQ</td> </tr> <tr> <td><input type="checkbox"/> 2.5 psi AS</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/> 500 psi CR</td> </tr> <tr> <td><input type="checkbox"/> 5 psi AT</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/> 600 psi CS</td> </tr> <tr> <td><input type="checkbox"/> 10 psi AV</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/> 750 psi CT</td> </tr> <tr> <td><input type="checkbox"/> 15 psi BJ</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/> 1000 psi CV</td> </tr> <tr> <td><input type="checkbox"/> 25 psi BL</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/> 1500 psi DJ</td> </tr> <tr> <td><input type="checkbox"/> 30 psi BM</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/> 2000 psi DL</td> </tr> <tr> <td><input type="checkbox"/> 50 psi BN</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/> 2500 psi DM</td> </tr> <tr> <td><input type="checkbox"/> 75 psi BP</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/> 3000 psi DN</td> </tr> <tr> <td><input type="checkbox"/> 100 psi BR</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/> 5000 psi DR</td> </tr> <tr> <td><input type="checkbox"/> 150 psi CJ</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/> 6000 psi DS</td> </tr> <tr> <td><input type="checkbox"/> 200 psi CL</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/> 7500 psi DT</td> </tr> <tr> <td></td> <td></td> <td><input type="checkbox"/> 10000 psi DV</td> </tr> </table> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Barometric</td> <td style="width: 50%;">Vacuum</td> </tr> <tr> <td><input type="checkbox"/> 16-32 in Hga UQ</td> <td><input type="checkbox"/> 1 psi AP</td> </tr> <tr> <td><input type="checkbox"/> 26-32 in Hga UR</td> <td><input type="checkbox"/> 5 psi AT</td> </tr> <tr> <td><input type="checkbox"/> 0-30 in Hga UG</td> <td><input type="checkbox"/> 10 psi AV</td> </tr> <tr> <td></td> <td><input type="checkbox"/> 15 psi BJ</td> </tr> </table> <h5 style="margin: 5px 0;">Accuracy</h5> <table style="width: 100%; border: none;"> <tr> <td style="width: 70%;">Accuracy code</td> </tr> <tr> <td><input type="checkbox"/> 0.10 % 1</td> </tr> <tr> <td><input type="checkbox"/> 0.25 % 2</td> </tr> </table>	Range code		Range code	<input type="checkbox"/> 0.5 psi AN	<input type="checkbox"/>	<input type="checkbox"/> 250 psi CN	<input type="checkbox"/> 1 psi AP	<input type="checkbox"/>	<input type="checkbox"/> 300 psi CP	<input type="checkbox"/> 2 psi AR	<input type="checkbox"/>	<input type="checkbox"/> 400 psi CQ	<input type="checkbox"/> 2.5 psi AS	<input type="checkbox"/>	<input type="checkbox"/> 500 psi CR	<input type="checkbox"/> 5 psi AT	<input type="checkbox"/>	<input type="checkbox"/> 600 psi CS	<input type="checkbox"/> 10 psi AV	<input type="checkbox"/>	<input type="checkbox"/> 750 psi CT	<input type="checkbox"/> 15 psi BJ	<input type="checkbox"/>	<input type="checkbox"/> 1000 psi CV	<input type="checkbox"/> 25 psi BL	<input type="checkbox"/>	<input type="checkbox"/> 1500 psi DJ	<input type="checkbox"/> 30 psi BM	<input type="checkbox"/>	<input type="checkbox"/> 2000 psi DL	<input type="checkbox"/> 50 psi BN	<input type="checkbox"/>	<input type="checkbox"/> 2500 psi DM	<input type="checkbox"/> 75 psi BP	<input type="checkbox"/>	<input type="checkbox"/> 3000 psi DN	<input type="checkbox"/> 100 psi BR	<input type="checkbox"/>	<input type="checkbox"/> 5000 psi DR	<input type="checkbox"/> 150 psi CJ	<input type="checkbox"/>	<input type="checkbox"/> 6000 psi DS	<input type="checkbox"/> 200 psi CL	<input type="checkbox"/>	<input type="checkbox"/> 7500 psi DT			<input type="checkbox"/> 10000 psi DV	Barometric	Vacuum	<input type="checkbox"/> 16-32 in Hga UQ	<input type="checkbox"/> 1 psi AP	<input type="checkbox"/> 26-32 in Hga UR	<input type="checkbox"/> 5 psi AT	<input type="checkbox"/> 0-30 in Hga UG	<input type="checkbox"/> 10 psi AV		<input type="checkbox"/> 15 psi BJ	Accuracy code	<input type="checkbox"/> 0.10 % 1	<input type="checkbox"/> 0.25 % 2	<h4 style="margin: 0;">Step 3</h4> <h5 style="margin: 5px 0;">Output</h5> <table style="width: 100%; border: none;"> <tr> <td style="width: 60%;"></td> <td style="width: 20%;">Basic output code</td> <td style="width: 10%;">If adding 9d or 9f (&lt;5000 psi)</td> <td style="width: 10%;">If adding 1y, 3d, 9e or 14c</td> </tr> <tr> <td><input type="checkbox"/> mV/V</td> <td>2u</td> <td>NA</td> <td>2u</td> </tr> <tr> <td><input type="checkbox"/> 5 Vdc</td> <td>2d</td> <td>NA</td> <td>2e</td> </tr> <tr> <td><input type="checkbox"/> 10 Vdc</td> <td>2g</td> <td>NA</td> <td>2f</td> </tr> <tr> <td><input type="checkbox"/> 4 mA to 20 mA</td> <td>2p</td> <td>2n(2N)</td> <td>2y</td> </tr> </table> <p style="font-size: small; margin-top: 5px;">NOTE: If any ADDERS are required, the output code must be revised. 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Description	Basic code					Adder code (see step 4)				
	Type	Accuracy	Range	Output	Pressure	Elect. conn.	Extended	Shunt cal.	IS/CE rated	Pots
Order code										
Accessory code										

Zero and span adjustments are located on the side. See drawing for details. No zero and span adjustments are available on mV/V output option.

## Model FP2000

## Configurable Pressure Transducer

### NOTES

1. Accuracies stated are expected for best-fit straight line for all errors, including linearity, hysteresis, and non-repeatability through zero.
2. For low pressure ranges, temperature effects may vary.
3. The wet/wet differential pressure transducer has two separate, welded Hastelloy diaphragms. In wet/dry unit, the wet port (high port) has all-welded stainless steel and Hastelloy construction. The dry port (low port) has no isolation diaphragm.
4. For low gage and differential pressure ranges at 0.10 % accuracy, non-amplified output @ 10 Vdc excitation = 100 mV.
5. Range up to and include 5000 psi.
6. Not available with 6m.

**Warranty.** Honeywell warrants goods of its manufacture as being free of defective materials and faulty workmanship. Honeywell's standard product warranty applies unless agreed to otherwise by Honeywell in writing; please refer to your order acknowledgement or consult your local sales office for specific warranty details. If warranted goods are returned to Honeywell during the period of coverage, Honeywell will repair or replace, at its option, without charge those items it finds defective. **The foregoing is buyer's sole remedy and is in lieu of all warranties, expressed or implied, including those of merchantability and fitness for a particular purpose. In no event shall Honeywell be liable for consequential, special, or indirect damages.**

While we provide application assistance personally, through our literature and the Honeywell web site, it is up to the customer to determine the suitability of the product in the application.

Specifications may change without notice. The information we supply is believed to be accurate and reliable as of this printing. However, we assume no responsibility for its use.

For more information about Sensing and Control products, visit [www.honeywell.com/sensing](http://www.honeywell.com/sensing) or call +1-815-235-6847  
Email inquiries to [info.sc@honeywell.com](mailto:info.sc@honeywell.com)

### WARNING

#### PERSONAL INJURY

- DO NOT USE these products as safety or emergency stop devices or in any other application where failure of the product could result in personal injury.

**Failure to comply with these instructions could result in death or serious injury.**

### WARNING

#### MISUSE OF DOCUMENTATION

- The information presented in this catalogue is for reference only. DO NOT USE this document as product installation information.
- Complete installation, operation and maintenance information is provided in the instructions supplied with each product.

**Failure to comply with these instructions could result in death or serious injury.**

