

Please specify the following: **Model Range Units Ref-Shutoff-Options**

Example: **F16BBL100PSIG-10-HA** = F16 Battery Back Lit display 100.0 PSIG, 10 minute shutoff, High Accuracy

**Step 1**

Model	Price	Gauge Description	Ranges	Page
ARM760B	\$279	Battery Powered Digital Vacuum Gauge	760 to 0 Torr Absolute	181
ARM760BBL	\$309	Battery Powered Digital Vacuum Gauge, Backlit Display		
DPG1000B	\$259	Battery Powered Digital Gauge	Psig up to 2000 psig, Gauge reference inHg	175
DPG1000B	\$279		3000 psi, 5000 psi, Absolute, Compound, ± Bipolar, and all other units	175
DPG1000BBL	\$289	Battery Powered Digital Gauge, Backlit Display	Psig up to 2000 psig, Gauge reference inHg	175
DPG1000BBL	\$309		3000 psi, 5000 psi, Absolute, Compound, ± Bipolar, and all other units	175
F4B	\$299	Battery Powered Digital Gauge, NEMA 4X	Psig up to 2000 psig, Gauge reference inHg	177
F4B	\$319		3000 psi, 5000 psi, Absolute, Compound, ± Bipolar, and all other units	177
F4BBL	\$329	Battery Powered Digital Gauge, Backlit Display, NEMA 4X	Psig up to 2000 psig, Gauge reference inHg	177
F4BBL	\$349		3000 psi, 5000 psi, Absolute, Compound, ± Bipolar, and all other units	177
F16B	\$289	Battery Powered Digital Gauge, Min/Max/Zero	Psig up to 2000 psig, Gauge reference inHg	179
F16B	\$309		3000 psi, 5000 psi, Absolute, Compound, ± Bipolar, and all other units	179
F16BBL	\$319	Battery Powered Digital Gauge, Backlit Display, Min/Max/Zero	Psig up to 2000 psig, Gauge reference inHg	179
F16BBL	\$339		3000 psi, 5000 psi, Absolute, Compound, ± Bipolar, and all other units	179
F16BN	\$319	Battery Powered Digital Gauge, NEMA 4X, Min/Max/Zero	Psig up to 2000 psig, Gauge reference inHg	179
F16BN	\$339		3000 psi, 5000 psi, Absolute, Compound, ± Bipolar, and all other units	179
F16BNBL	\$349	Battery Powered Digital Gauge, Backlit Display, NEMA 4X,	Psig up to 2000 psig, Gauge reference inHg	179
F16BNBL	\$369	Min/Max/Zero	3000 psi, 5000 psi, Absolute, Compound, ± Bipolar, and all other units	179

**Step 2**

**Ranges, Units, Reference**

Consult factory for other engineering units

**Bold** indicates ranges/engineering units with standard pricing

"G" Gauge reference

"VAC" Vacuum (gauge reference)

"A" Absolute reference

**DPG1000 & F4** 20, 200, 2000 ranges indicate 19.99, 199.9, 1999

15 psig, 100 psig, 200 psig, and absolute sensors can be used for vacuum

Minus sign not normally used with gauge reference vacuum ranges.

Please specify if minus sign is required

▲ **-HA** not available with 3 psi sensor, absolute, vacuum, compound, or bipolar ranges

† **-HA** in these ranges requires **F16** series

Compound Ranges:		-30INHG/15PSIG▲			-30INHG/100PSIG▲			-30INHG/200PSIG▲		
PSI	inHg	inH <sub>2</sub> O	mmH <sub>2</sub> O	g/cm <sup>2</sup>	bar	kPa & MPa	atm	kg/cm <sup>2</sup>		
<b>3 PSIG▲</b>	<b>6 INHGG▲</b>	85 INH2OG▲	2100 MMH2OG▲	1000 GCMA▲	1 BARA▲	20 KPAG▲	1 ATMA▲	1 KGCM▲		
<b>5 PSIG</b>	<b>10 INHGG</b>	140 INH2OG	3500 MMH2OG	1000 GCM	1 BARVAC▲	35 KPAG†	±1 ATM▲	1 KGCMVAC▲		
15 PSIA▲	30 INHGA▲	400 INH2OA▲	<b>cmH<sub>2</sub>O</b>	2100 GCMA▲	±1 BAR▲	100 KPAA▲	1 ATM	±1 KGCMG▲		
<b>15 PSIVAC▲</b>	<b>30 INHGVAC▲</b>	400 INH2OVAC▲	200 CMH2OG▲	2100 GCM	1 BARG	100 KPAVAC▲	4 ATM	1 KGCMG		
±15 PSIG▲	±30 INHG▲	±400 INH2OG▲	350 CMH2OG†	<b>mbar</b>	2 BARA▲	±100 KPA▲	7 ATM	2 KGCM▲		
<b>15 PSIG</b>	<b>30 INHGG†</b>	850 INH2OG	1000 CMH2OG	200 MBARG▲	2 BARG	100 KPAG	14 ATM	2 KGCMG		
30 PSIA▲	60 INHGA▲	<b>ftH<sub>2</sub>O</b>	2100 CMH2OG	350 MBARG†	4 BARG	200 KPAA▲	20 ATM	4 KGCMG		
<b>30 PSIG†</b>	<b>60 INHGG</b>	7 FTH2O▲	<b>mmHg</b>	1000 MBARA▲	7 BARA▲	200 KPAG	35 ATM†	7 KGCM▲		
<b>60 PSIG</b>	<b>120 INHGG</b>	12 FTH2O	150 MMHGG▲	1000 MBARVAC▲	7 BARG	400 KPAG	70 ATM	7 KGCMG		
100 PSIA▲	200 INHGA▲	35 FTH2O†	260 MMHGG†	±1000 MBAR▲	15 BARG	700 KPAA▲	135 ATM	15 KGCMG		
<b>100 PSIG</b>	<b>200 INHGG</b>	70 FTH2O	760 MMHGA▲	1000 MBARG	20 BARG	700 KPAG	200 ATM	20 KGCMG		
<b>200 PSIG</b>	<b>oz/in<sup>2</sup></b>	140 FTH2O	1600 MMHGA▲	2000 MBARA▲	35 BARG†	1500 KPAG	340 ATM†	35 KGCMG†		
<b>300 PSIG†</b>	<b>50 ZING▲</b>	250 FTH2O†	<b>torr</b>	2000 MBARG	70 BARG	2000 KPAG		70 KGCMG		
<b>500 PSIG</b>	80 ZING	500 FTH2O	760 TORRA▲	4000 MBARG	140 BARG	3500 KPAG		140 KGCMG		
<b>1000 PSIG</b>	240 ZINA▲		1600 TORRA▲		200 BARG	7000 KPAG		200 KGCMG		
<b>2000 PSIG</b>	240 ZINVAC▲				350 BARG†	14 MPAG		350 KGCMG†		
3000 PSIG	±240 ZING▲					20 MPAG				
5000 PSIG	240 ZING†					35 MPAG†				

**Step 3**

Time	Shutoff Times
-5	5 Minutes (standard)
-10	10 minutes
-30	30 minutes
-ON	On/Off only

3000 psi, 5000 psi, -400 4 digit display models, and F16 models settable to times shown at left or any number of minutes or hours (-1H, -2H, etc.)

**Step 4**

Options	Add to end of model number. See p. 174	Adder
-CC	Conformal Coating on circuit boards for moisture resistance	\$20
-ET	Extended Temperature LCD (-40 to 85°C), includes CC Not available with 3000, 5000 psi, 4 digit display ranges, or F16	\$30
-HA	High Accuracy, ±0.1% FS ±1 LSD, Not available in DPG1000 or F4 with 2 to 3.5, 24 to 35, 240 to 350 ranges. Order F16 instead. Not available with 3 psig sensor, bipolar, compound, absolute, or vacuum ranges.	\$85
-4A	±0.4% FS ±1 LSD accuracy instead of ±0.25% ±1 LSD accuracy	-\$10
-PM	Panel Mount, 4.1" x 4.1" (not available F4, F16BN)	\$50
-PMS	Panel Mount, Small, 3.56" x 3.226" with PEM nuts. (not avail. F4, F16BN)	\$50
-SM	Surface Mount plate (not available F4, F16BN)	\$20
-MC	Metal front Cover. Synthetic oil resistant (not available F4, F16BN)	\$50

**Step 5**

Accessories	Order as a separate line item. See p. 174	Price
NC	NIST Certificate with traceability documentation, 5 test points, test date	\$100
CD	Calibration Data, 5 test points, test date	\$50
RB	Protective Rubber Boot (not for F4, F16BN)	\$29

Please specify the following: **Model Range Units Ref-Options**

Example: **F16AD100PSIG-HA = F16 Low-Voltage AC/DC Powered 100.0 PSIG, High Accuracy**

**Step 1**

Model	Price	Gauge Description	Ranges	Page
ARM760AD	\$314	Low-Voltage Powered Digital Vacuum Gauge	760 to 0 Torr Absolute	181
ARM760ADBL	\$344	Low-Voltage Powered Digital Vacuum Gauge, Backlit Display		
DPG1000AD	\$259	Low-Voltage Powered Digital Gauge	Psig up to 2000 psig, Gauge reference inHg	183
DPG1000AD	\$279		3000 psi, 5000 psi, Absolute, Compound, ± Bipolar, and all other units	183
DPG1000ADBL	\$289		Psig up to 2000 psig, Gauge reference inHg	183
DPG1000ADBL	\$309		3000 psi, 5000 psi, Absolute, Compound, ± Bipolar, and all other units	183
F4AD	\$299	Low-Voltage Powered Digital Gauge, NEMA 4X	Psig up to 2000 psig, Gauge reference inHg	185
F4AD	\$319		3000 psi, 5000 psi, Absolute, Compound, ± Bipolar, and all other units	185
F4ADBL	\$329		Psig up to 2000 psig, Gauge reference inHg	185
F4ADBL	\$349		3000 psi, 5000 psi, Absolute, Compound, ± Bipolar, and all other units	185
F16AD	\$289	Low-Voltage Powered Digital Gauge, Min/Max/Zero	Psig up to 2000 psig, Gauge reference inHg	187
F16AD	\$309		3000 psi, 5000 psi, Absolute, Compound, ± Bipolar, and all other units	187
F16ADBL	\$319		Psig up to 2000 psig, Gauge reference inHg	187
F16ADBL	\$339		3000 psi, 5000 psi, Absolute, Compound, ± Bipolar, and all other units	187
F16ADN	\$319	Low-Voltage Powered Digital Gauge, NEMA 4X, Min/Max/Zero	Psig up to 2000 psig, Gauge reference inHg	187
F16ADN	\$339		3000 psi, 5000 psi, Absolute, Compound, ± Bipolar, and all other units	187
F16ADNBL	\$349		Psig up to 2000 psig, Gauge reference inHg	187
F16ADNBL	\$369		3000 psi, 5000 psi, Absolute, Compound, ± Bipolar, and all other units	187

**Step 2**

**Ranges, Units, Reference**

Consult factory for other engineering units

**Bold** indicates ranges/engineering units with standard pricing

"G" Gauge reference

"VAC" Vacuum (gauge reference)

"A" Absolute reference

**DPG1000 & F4** 20, 200, 2000 ranges indicate 19.99, 199.9, 1999

15 psig, 100 psig, 200 psig, and absolute sensors can be used for vacuum  
Minus sign not normally used with gauge reference vacuum ranges.  
Please specify if minus sign is required.

▲ -HA not available with 3 psi sensor, absolute, vacuum, compound, or bipolar ranges

† -HA in these ranges requires **F16** series

Compound Ranges:		-30INHG/15PSIG▲		-30INHG/100PSIG▲		-30INHG/200PSIG▲		
PSI	inHg	inH <sub>2</sub> O	mmH <sub>2</sub> O	g/cm <sup>2</sup>	bar	kPa & MPa	atm	kg/cm <sup>2</sup>
3 PSIG▲	<b>6 INHGG▲</b>	85 INH2OG▲	2100 MMH2OG▲	1000 GCM▲	1 BAR▲	20 KPAG▲	1 ATMA▲	1 KGCM▲
5 PSIG	<b>10 INHGG</b>	140 INH2OG	3500 MMH2OG	1000 GCM	1 BARVAC▲	35 KPAG†	±1 ATM▲	1 KGCMVAC▲
15 PSIA▲	30 INHGA▲	400 INH2OA▲	<b>cmH<sub>2</sub>O</b>	2100 GCM▲	±1 BAR▲	100 KPAA▲	1 ATM	±1 KGCMG▲
<b>15 PSIVAC▲</b>	<b>30 INHGVAC▲</b>	400 INH2OVAC▲	200 CMH2OG▲	2100 GCM	1 BARG	100 KPAVAC▲	4 ATM	1 KGCMG
±15 PSIG▲	±30 INHG▲	±400 INH2OG▲	350 CMH2OG†	<b>mbar</b>	2 BAR▲	±100 KPA▲	7 ATM	2 KGCM▲
<b>15 PSIG</b>	<b>30 INHGG†</b>	850 INH2OG	1000 CMH2OG	200 MBARG▲	2 BARG	100 KPAG	14 ATM	2 KGCMG
30 PSIA▲	60 INHGA▲	<b>ftH<sub>2</sub>O</b>	2100 CMH2OG	350 MBARG†	4 BARG	200 KPAA▲	20 ATM	4 KGCMG
<b>30 PSIG†</b>	<b>60 INHGG</b>	7 FTH2O▲	<b>mmHg</b>	1000 MBARA▲	7 BAR▲	200 KPAG	35 ATM†	7 KGCM▲
<b>60 PSIG</b>	<b>120 INHGG</b>	12 FTH2O	150 MMHGG▲	1000 MBARVAC▲	7 BARG	400 KPAG	70 ATM	7 KGCMG
100 PSIA▲	200 INHGA▲	35 FTH2O	260 MMHGG†	±1000 MBAR▲	15 BARG	700 KPAA▲	135 ATM	15 KGCMG
<b>100 PSIG</b>	<b>200 INHGG</b>	70 FTH2O	760 MMHGA▲	1000 MBARG	20 BARG	700 KPAG	200 ATM	20 KGCMG
<b>200 PSIG</b>	<b>oz/in<sup>2</sup></b>	140 FTH2O	1600 MMHGA▲	2000 MBARA▲	35 BARG†	1500 KPAG	340 ATM†	35 KGCMG†
<b>300 PSIG†</b>	50 ZING▲	250 FTH2O†	<b>torr</b>	2000 MBARG	70 BARG	2000 KPAG		70 KGCMG
<b>500 PSIG</b>	80 ZING	500 FTH2O	760 TORRA▲	4000 MBARG	140 BARG	3500 KPAG		140 KGCMG
<b>1000 PSIG</b>	240 ZINA▲		1600 TORRA▲		200 BARG	7000 KPAG		200 KGCMG
<b>2000 PSIG</b>	240 ZINVAC▲				350 BARG†	14 MPAG		350 KGCMG†
3000 PSIG	±240 ZING▲					20 MPAG		
5000 PSIG	240 ZING†					35 MPAG†		

**Step 3**

Options	Add to end of model number. See p. 174	Adder
-CC	Conformal Coating on circuit boards for moisture resistance	\$20
-ET	Extended Temperature LCD (-40 to 85°C), includes CC Not available with 3000, 5000 psi, or 4 digit display ranges or F16	\$30
-HA	High Accuracy, ±0.1% FS ±1 LSD, Not available in DPG1000 or F4 with 2 to 3.5, 24 to 35, 240 to 350 ranges. Order F16 Instead. Not available with 3 psig sensor, bipolar, compound, absolute, or vacuum ranges.	\$85
-4A	±0.4% FS ±1 LSD accuracy instead of ±0.25% ±1 LSD accuracy	-\$10
-PM	Panel Mount, 4.1" x 4.1" (not available F4, F16ADN)	\$50
-PMS	Panel Mount, Small, 3.56" x 3.226" with PEM nuts. (n/a F4, F16ADN)	\$50
-MC	Metal front Cover. Synthetic oil resistant (not available F4, F16ADN)	\$50

**Step 4**

Accessories	Order as a separate line item. See p. 174	Price
NC	NIST Cert. with traceability documentation, 5 test points, test date	\$100
CD	Calibration Data, 5 test points, test date	\$50
WMPSPK	Wall Mount Power Supply Kit (115VAC/12VDC)	\$25



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March 1, 2007

## Cecomp Low-Voltage Powered Digital Pressure Gauges with Outputs

Please specify the following: **Model Range Units Ref-Outputs (depending on model)-Options**

Example: **DPG1000DAR15PSIG-1N-I** = DPG1000 AC/DC Powered, Alarms, Retrans., 15 PSIG, -1N Normal Hi/Lo Alarms, -I Current Output

### Step 1

Model	Price	Gauge Description	Ranges	Page
DPG1000L	\$289	2-Wire Loop-Powered Digital Gauge, 4-20 mA Output	Psig up to 2000 psig, Gauge reference inHg	189
DPG1000L	\$309		3000 psi, 5000 psi, Absolute, ± Bipolar, and all other units	189
F4L	\$329	2-Wire Loop-Powered Digital Gauge, 4-20 mA Output, NEMA 4X	Psig up to 2000 psig, Gauge reference inHg	191
F4L	\$349		Absolute, ± Bipolar, and all other units	191
DPG1000DR	\$319	Low-Voltage Powered Digital Gauge, Analog Output	Psig up to 2000 psig, Gauge reference inHg	195
DPG1000DR	\$339		3000 psi, 5000 psi, Absolute, ± Bipolar, and all other units	195
DPG1000DRBL	\$349	Low-Voltage Powered Digital Gauge, Analog Output, Backlit Display	Psig up to 2000 psig, Gauge reference inHg	195
DPG1000DRBL	\$369		3000 psi, 5000 psi, Absolute, ± Bipolar, and all other units	195
F4DR	\$359	Low-Voltage Powered Digital Gauge, NEMA 4X, Analog Output	Psig up to 2000 psig, Gauge reference inHg	197
F4DR	\$379		Absolute, ± Bipolar, and all other units	197
F4DRBL	\$389	Low-Voltage Powered Digital Gauge, Backlit Display, NEMA 4X, Analog Output	Psig up to 2000 psig, Gauge reference inHg	197
F4DRBL	\$409		Absolute, ± Bipolar, and all other units	197
DPG1000ADA	\$349	Low-Voltage Powered Digital Gauge, Dual Alarms	Psig up to 2000 psig, Gauge reference inHg	199
DPG1000ADA	\$369		3000 psi, 5000 psi, Absolute, ± Bipolar, and all other units	199
DPG1000DAR	\$375	Low-Voltage Powered Digital Gauge, Dual Alarms, Analog Output	Psig up to 2000 psig, Gauge reference inHg	205
DPG1000DAR	\$395		3000 psi, 5000 psi, Absolute, ± Bipolar, and all other units	205

### Step 2

#### Ranges, Units, Reference

Consult factory for other engineering units

**Bold** indicates ranges/engineering units with standard pricing

"G" Gauge reference

"VAC" Vacuum (gauge reference)

"A" Absolute reference

**DPG1000 & F4** 20, 200, 2000 ranges indicate 19.99, 199.9, 1999

15 psig, 100 psig, 200 psig, and absolute sensors can be used for vacuum  
 Minus sign not normally used with gauge reference vacuum ranges.  
 Please specify if minus sign is required.

▲ **-HA** not available with 3 psi sensor, absolute, vacuum, compound, or bipolar ranges

† **-HA** in these ranges requires **-400** option

PSI	inHg	inH <sub>2</sub> O	mmH <sub>2</sub> O	g/cm <sup>2</sup>	bar	kPa & MPa	atm	kg/cm <sup>2</sup>
<b>3 PSIG<sup>A</sup></b>	<b>6 INHGG<sup>A</sup></b>	85 INH2OG <sup>A</sup>	2100 MMH2OG <sup>A</sup>	1000 GCMA <sup>A</sup>	1 BARA <sup>A</sup>	20 KPAG <sup>A</sup>	1 ATMA <sup>A</sup>	1 KGCM <sup>A</sup>
<b>5 PSIG</b>	<b>10 INHGG</b>	140 INH2OG	3500 MMH2OG	1000 GCM	1 BARVAC <sup>A</sup>	35 KPAG <sup>†</sup>	±1 ATM <sup>A</sup>	1 KGCMVAC <sup>A</sup>
15 PSIA <sup>A</sup>	30 INHGA <sup>A</sup>	400 INH2O <sup>A</sup>	<b>cmH<sub>2</sub>O</b>	2100 GCMA <sup>A</sup>	±1 BAR <sup>A</sup>	100 KPAA <sup>A</sup>	1 ATM	±1 KGCMG <sup>A</sup>
<b>15 PSIVAC<sup>A</sup></b>	<b>30 INHGVAC<sup>A</sup></b>	400 INH2OVAC <sup>A</sup>	200 CMH2OG <sup>A</sup>	2100 GCM	1 BARG	100 KPAVAC <sup>A</sup>	4 ATM	1 KGCMG
±15 PSIG <sup>A</sup>	±30 INHG <sup>A</sup>	±400 INH2OG <sup>A</sup>	350 CMH2OG <sup>†</sup>	<b>mbar</b>	2 BARA <sup>A</sup>	±100 KPA <sup>A</sup>	7 ATM	2 KGCM <sup>A</sup>
<b>15 PSIG</b>	<b>30 INHGG<sup>†</sup></b>	850 INH2OG	1000 CMH2OG	200 MBARG <sup>A</sup>	2 BARG	100 KPAG	14 ATM	2 KGCMG
30 PSIA <sup>A</sup>	60 INHGA <sup>A</sup>	<b>ftH<sub>2</sub>O</b>	2100 CMH2OG	350 MBARG <sup>†</sup>	4 BARG	200 KPAA <sup>A</sup>	20 ATM	4 KGCMG
<b>30 PSIG<sup>†</sup></b>	<b>60 INHGG</b>	7 FTH2O <sup>A</sup>	<b>mmHg</b>	1000 MBARA <sup>A</sup>	7 BARA <sup>A</sup>	200 KPAG	35 ATM <sup>†</sup>	7 KGCM <sup>A</sup>
<b>60 PSIG</b>	<b>120 INHGG</b>	12 FTH2O	150 MMHGG <sup>A</sup>	1000 MBARVAC <sup>A</sup>	7 BARG	400 KPAG	70 ATM	7 KGCMG
100 PSIA <sup>A</sup>	200 INHGA <sup>A</sup>	35 FTH2O <sup>†</sup>	260 MMHGG <sup>†</sup>	±1000 MBAR <sup>A</sup>	15 BARG	700 KPAA <sup>A</sup>	135 ATM	15 KGCMG
<b>100 PSIG</b>	<b>200 INHGG</b>	70 FTH2O	760 MMHGA <sup>A</sup>	1000 MBARG	20 BARG	700 KPAG	200 ATM	20 KGCMG
<b>200 PSIG</b>	<b>oz/in<sup>2</sup></b>	140 FTH2O	1600 MMHGA <sup>A</sup>	2000 MBARA <sup>A</sup>	35 BARG <sup>†</sup>	1500 KPAG	340 ATM <sup>†</sup>	35 KGCMG <sup>†</sup>
<b>300 PSIG<sup>†</sup></b>	50 ZING <sup>A</sup>	250 FTH2O <sup>†</sup>	<b>torr</b>	2000 MBARG	70 BARG	2000 KPAG		70 KGCMG
<b>500 PSIG</b>	80 ZING	500 FTH2O	760 TORRA <sup>A</sup>	4000 MBARG	140 BARG	3500 KPAG		140 KGCMG
<b>1000 PSIG</b>	240 ZINA <sup>A</sup>		1600 TORRA <sup>A</sup>		200 BARG	7000 KPAG		200 KGCMG
<b>2000 PSIG</b>	240 ZINVAC <sup>A</sup>				350 BARG <sup>†</sup>	14 MPAG		350 KGCMG <sup>†</sup>
3000 PSIG	±240 ZING <sup>A</sup>					20 MPAG		
5000 PSIG	240 ZING <sup>†</sup>					35 MPAG <sup>†</sup>		

### Step 3 – ADA and DAR models only

Alarm	Add to end of model number
<b>-1N</b>	Hi/Lo Normal action (Standard)
<b>-2N</b>	Hi/Hi Normal action
<b>-3N</b>	Lo/Lo Normal action
<b>-1R</b>	Hi/Lo Reverse action
<b>-2R</b>	Hi/Hi Reverse action
<b>-3R</b>	Lo/Lo Reverse action

### Step 4 – DR, DRBL, and DAR models only

Output	Add to end of model number
<b>-I</b>	4-20 mA current output. Provides power to loop.
<b>-V</b>	0-2 Volt output

### Step 6

Accessories	Order as a separate line item. See p. 174	Price
<b>NC</b>	NIST Certificate with traceability documentation, 5 test points, test date	\$100
<b>CD</b>	Calibration Data, 5 test points, test date	\$50

### Step 5

Options	Add to end of model number. See p. 174	Adder
<b>-CC</b>	Conformal Coating on circuit boards for moisture resistance	\$20
<b>-ET</b>	Extended Temperature LCD (-40 to 85°C), includes CC Not available with 3000, 5000 psi, or 4 digit display ranges	\$30
<b>-HA</b>	High Accuracy, ±0.1% FS ±1 LSD Not available in 2 to 3.5, 24 to 35, 240 to 350 ranges. Not available with 3 psig sensor, bipolar, absolute, compound, or vacuum ranges	\$85
<b>-4A</b>	±0.4% FS ±1 LSD accuracy instead of ±0.25% ±1 LSD accuracy	-\$10
<b>-400</b>	4 digit display, added resolution, 30.00, 300.0, 2000. (DPG1000 only)	\$70
<b>-PM</b>	Panel Mount, 4.1" x 4.1" (DPG1000 only)	\$50
<b>-PMS</b>	Panel Mount, Small, 3.56" x 3.226" with PEM nuts. (DPG1000 only)	\$50
<b>-MC</b>	Metal front Cover. Synthetic oil resistant. (DPG1000 only)	\$50

### Step 6

Accessories	Order as a separate line item. See p. 174	Price
<b>WMPSK</b>	Wall Mount Power Supply Kit (115VAC/12VDC)	\$25
<b>9046-24-008</b>	24 VDC, 75 mA regulated loop power supply with 8 pin socket	\$113

For F16L models please specify the following: **Model Range Units Ref-Options**

Example: **F16L15PSIG-HA** = F16 Loop Powered, 15 PSIG, High Accuracy

For F16ADA models please specify the following: **Model Range Units Ref-Alarm-Options**

Example: **F16ADA15PSIG-1N** = F16ADA = Low Voltage AC/DC Powered, Alarms, 15 PSIG, -1N Normal Hi/Lo Alarms

**Step 1**

Model	Price	Gauge Description	Ranges	Page
<b>F16L</b>	<b>\$319</b>	Programmable 2-Wire 4-20 mA Loop-Powered Indicating Pressure Transmitter	Psig up to 2000 psig, Gauge reference inHg	193
<b>F16L</b>	<b>\$339</b>	Transmitter	3000 psi, 5000 psi, Absolute, Compound, ± Bipolar, and all other units	193
<b>F16LN</b>	<b>\$359</b>	Programmable 2-Wire 4-20 mA Loop-Powered Indicating Pressure Transmitter, NEMA 4X	Psig up to 2000 psig, Gauge reference inHg	193
<b>F16LN</b>	<b>\$379</b>	Transmitter, NEMA 4X	3000 psi, 5000 psi, Absolute, Compound, ± Bipolar, and all other units	193
<b>F16ADA</b>	<b>\$379</b>	Low-Voltage Powered Digital Pressure Gauge, Programmable Dual Alarms	Psig up to 2000 psig, Gauge reference inHg	201
<b>F16ADA</b>	<b>\$399</b>	Alarms	3000 psi, 5000 psi, Absolute, Compound, ± Bipolar, and all other units	201
<b>F16ADABL</b>	<b>\$409</b>	Low-Voltage Powered Digital Pressure Gauge, Programmable Dual Alarms, Backlit Display	Psig up to 2000 psig, Gauge reference inHg	201
<b>F16ADABL</b>	<b>\$429</b>	Alarms, Backlit Display	3000 psi, 5000 psi, Absolute, Compound, ± Bipolar, and all other units	201
<b>F16ADAH</b>	<b>\$379</b>	Low-Voltage Powered Digital Pressure Gauge, DPDT Relay, Programmable Trip and Reset Points	Psig up to 2000 psig, Gauge reference inHg	203
<b>F16ADAH</b>	<b>\$399</b>	Programmable Trip and Reset Points	3000 psi, 5000 psi, Absolute, Compound, ± Bipolar, and all other units	203
<b>F16ADAHBL</b>	<b>\$409</b>	Low-Voltage Powered Digital Pressure Gauge, DPDT Relay, Programmable Trip and Reset Points, Backlit Display	Psig up to 2000 psig, Gauge reference inHg	203
<b>F16ADAHBL</b>	<b>\$429</b>	Programmable Trip and Reset Points, Backlit Display	3000 psi, 5000 psi, Absolute, Compound, ± Bipolar, and all other units	203

**Step 2**

**Ranges, Units, Reference**

Consult factory for other engineering units

**Bold** indicates ranges/engineering units with standard pricing

"G" Gauge reference

"VAC" Vacuum (gauge reference)

"A" Absolute reference

15 psig, 100 psig, 200 psig, and absolute sensors can be used for vacuum  
Minus sign not normally used with gauge reference vacuum ranges.  
Please specify if minus sign is required.

▲ **-HA** not available with 3 psi sensor, absolute, vacuum, compound, or bipolar ranges

PSI	inHg	inH <sub>2</sub> O	mmH <sub>2</sub> O	g/cm <sup>2</sup>	bar	kPa & MPa	atm	kg/cm <sup>2</sup>
<b>3 PSIG<sup>▲</sup></b>	<b>6 INHGG<sup>▲</sup></b>	85 INH2OG <sup>▲</sup>	2100 MMH2OG <sup>▲</sup>	1000 GCMA <sup>▲</sup>	1 BARA <sup>▲</sup>	20 KPAG <sup>▲</sup>	1 ATMA <sup>▲</sup>	1 KGCM <sup>▲</sup>
<b>5 PSIG</b>	<b>10 INHGG</b>	140 INH2OG	3500 MMH2OG	1000 GCM	1 BARVAC <sup>▲</sup>	35 KPAG <sup>†</sup>	±1 ATM <sup>▲</sup>	1 KGCMVAC <sup>▲</sup>
15 PSIA <sup>▲</sup>	30 INHGA <sup>▲</sup>	400 INH2O <sup>▲</sup>	<b>cmH<sub>2</sub>O</b>	2100 GCMA <sup>▲</sup>	±1 BAR <sup>▲</sup>	100 KPAA <sup>▲</sup>	1 ATM	±1 KGCMG <sup>▲</sup>
<b>15 PSIVAC<sup>▲</sup></b>	<b>30 INHGVAC<sup>▲</sup></b>	400 INH2OVAC <sup>▲</sup>	200 CMH2OG <sup>▲</sup>	2100 GCM	1 BARG	100 KPAVAC <sup>▲</sup>	4 ATM	1 KGCMG
±15 PSIG <sup>▲</sup>	±30 INHG <sup>▲</sup>	±400 INH2OG <sup>▲</sup>	350 CMH2OG <sup>†</sup>	<b>mbar</b>	2 BARA <sup>▲</sup>	±100 KPA <sup>▲</sup>	7 ATM	2 KGCM <sup>▲</sup>
15 PSIG <sup>▲</sup>	<b>30 INHGG<sup>†</sup></b>	850 INH2OG	1000 CMH2OG	200 MBARG <sup>▲</sup>	2 BARG	100 KPAG	14 ATM	2 KGCMG
30 PSIA <sup>▲</sup>	60 INHGA <sup>▲</sup>	<b>ftH<sub>2</sub>O</b>	2100 CMH2OG	350 MBARG <sup>†</sup>	4 BARG	200 KPAA <sup>▲</sup>	20 ATM	4 KGCMG
<b>30 PSIG<sup>†</sup></b>	<b>60 INHGG</b>	7 FTH2O <sup>▲</sup>	<b>mmHg</b>	1000 MBARA <sup>▲</sup>	7 BARA <sup>▲</sup>	200 KPAG	35 ATM <sup>†</sup>	7 KGCM <sup>▲</sup>
<b>60 PSIG</b>	<b>120 INHGG</b>	12 FTH2O	150 MMHGG <sup>▲</sup>	1000 MBARVAC <sup>▲</sup>	7 BARG	400 KPAG	70 ATM	7 KGCMG
100 PSIA <sup>▲</sup>	200 INHGA <sup>▲</sup>	35 FTH2O <sup>†</sup>	260 MMHGG <sup>†</sup>	±1000 MBAR <sup>▲</sup>	15 BARG	700 KPAA <sup>▲</sup>	135 ATM	15 KGCMG
<b>100 PSIG</b>	<b>200 INHGG</b>	70 FTH2O	760 MMHGA <sup>▲</sup>	1000 MBARG	20 BARG	700 KPAG	200 ATM	20 KGCMG
<b>200 PSIG</b>	<b>oz/in<sup>2</sup></b>	140 FTH2O	1600 MMHGA <sup>▲</sup>	2000 MBARA <sup>▲</sup>	35 BARG <sup>†</sup>	1500 KPAG	340 ATM <sup>†</sup>	35 KGCMG <sup>†</sup>
<b>300 PSIG<sup>†</sup></b>	<b>50 ZING<sup>▲</sup></b>	250 FTH2O <sup>†</sup>	<b>torr</b>	2000 MBARG	70 BARG	2000 KPAG		70 KGCMG
<b>500 PSIG</b>	80 ZING	500 FTH2O	760 TORRA <sup>▲</sup>	4000 MBARG	140 BARG	3500 KPAG		140 KGCMG
<b>1000 PSIG</b>	240 ZINA <sup>▲</sup>		1600 TORRA <sup>▲</sup>		200 BARG	7000 KPAG		200 KGCMG
<b>2000 PSIG</b>	240 ZINVAC <sup>▲</sup>				350 BARG <sup>†</sup>	14 MPAG		350 KGCMG <sup>†</sup>
3000 PSIG	±240 ZING <sup>▲</sup>					20 MPAG		
5000 PSIG	240 ZING <sup>†</sup>					35 MPAG <sup>†</sup>		

**Step 3 – ADA, ADABL models only**

Alarm	Add to end of model number
<b>-1N</b>	Hi/Lo Normal action (Standard)
<b>-2N</b>	Hi/Hi Normal action
<b>-3N</b>	Lo/Lo Normal action
<b>-1R</b>	Hi/Lo Reverse action
<b>-2R</b>	Hi/Hi Reverse action
<b>-3R</b>	Lo/Lo Reverse action

**Step 3 – ADAH ADAHBL models only**

Relay	Add to end of model number
<b>-NT</b>	Normal action, Tripped at power up if in deadband
<b>-NR</b>	Normal action, Reset at power up if in deadband
<b>-RT</b>	Reverse action, Tripped at power up if in deadband
<b>-RR</b>	Reverse action, Reset at power up if in deadband

**Step 4**

Options	Add to end of model number. See p. 174	Adder
<b>-CC</b>	Conformal Coating on circuit boards for moisture resistance	<b>\$20</b>
<b>-HA</b>	High Accuracy, ±0.1% FS ±1 LSD Not available with 3 psig sensor, bipolar, compound, absolute, or vacuum ranges	<b>\$85</b>
<b>-4A</b>	±0.4% FS ±1 LSD accuracy instead of ±0.25% ±1 LSD accuracy	<b>-\$10</b>
<b>-PM</b>	Panel Mount, 4.1" x 4.1" (not available F16LN)	<b>\$50</b>
<b>-PMS</b>	Panel Mount, Small, 3.56" x 3.226" with PEM nuts (not avail. F16LN)	<b>\$50</b>
<b>-MC</b>	Metal front Cover. synthetic oil resistant (n/a F16LN)	<b>\$50</b>

**Step 5**

Accessories	Order as a separate line item. See p. 174	Price
<b>NC</b>	NIST Cert. w. traceability documentation, 5 test points, test date	<b>\$100</b>
<b>CD</b>	Calibration Data, 5 test points, test date	<b>\$50</b>
<b>WMPSK</b>	Wall Mount Power Supply Kit (115VAC/12VDC)	<b>\$25</b>
<b>9046-24-008</b>	24 VDC, 75 mA regulated loop power supply with 8 pin socket	<b>\$113</b>



Absolute Process Instruments Inc. **Phone 847-918-3510**  
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 Libertyville, IL 60048 USA **Fax 847-968-4891**  
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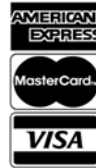
**March 1, 2007**  
**Cecomp ThermoPro®**

<b>Cecomp ThermoPro® Programmable Indicating Temperature Transmitters</b>				<b>Catalog Page 231</b>			
Model	Price	Type	Dimensions	Model	Price	Type	Dimensions
<b>F16LT2</b>	<b>\$389</b>	Fixed RTD	2.5"L, 1/2"NPT	<b>F16LT2S</b>	<b>\$389</b>	Spring-loaded RTD	2.5"L, 1/2"NPT
<b>F16LT4</b>	<b>\$389</b>	Fixed RTD	4"L, 1/2"NPT	<b>F16LT4S</b>	<b>\$389</b>	Spring-loaded RTD	4"L, 1/2"NPT
<b>F16LT6</b>	<b>\$389</b>	Fixed RTD	6"L, 1/2"NPT	<b>F16LT6S</b>	<b>\$389</b>	Spring-loaded RTD	6"L, 1/2"NPT
<b>F16LT9</b>	<b>\$389</b>	Fixed RTD	9"L, 1/2"NPT	<b>F16LT9S</b>	<b>\$389</b>	Spring-loaded RTD	9"L, 1/2"NPT
<b>F16LT12</b>	<b>\$389</b>	Fixed RTD	12"L, 1/2"NPT	<b>F16LT12S</b>	<b>\$389</b>	Spring-loaded RTD	12"L, 1/2"NPT

**API Purchasing Policy and Product Warranties**

**Terms**

- ❖ VISA, MasterCard, American Express credit cards accepted
- ❖ Call 800-942-0315 to place your order
- ❖ Normal shipment via UPS Ground
- ❖ Other shipping methods are available upon request
- ❖ Prices F.O.B. Libertyville, IL, USA



**To Open an Account with API**

- ✓ Three credit references with their phone and fax numbers
- ✓ A bank reference with their phone and fax number
- ✓ Name and phone number of accounts payable supervisor
- Ⓞ Fax info to 800-949-7502, allow 1-2 weeks for approval
- ☒ Payment due **Net 30** days from invoice date

**Standard Delivery**

Most products are shipped in 2-14 business days after receipt of an order. Please call the factory with quantity and model for an exact lead time.

**Rush Delivery**

We will make every effort to accommodate rush orders, but a non-refundable \$50 charge per order may be applied. Some stock products can be shipped the same day under the following conditions.

- Call us to check availability and to arrange delivery.
- You must have an established account with us, or use your credit card.
- Order Early!* The order must be received by API by 11:00 am Central time.

**Modifications and Specials**

Consult factory for availability of modifications or products for custom applications. Allow a 2-4 week lead time for modified products. Minimum quantities and non-refundable engineering charges may apply.

**Return Policy and Authorization**

Before returning any product, please obtain a Return Materials Authorization number (RMA#) by calling Customer Service at 800-942-0315 or e-mailing [support@api-cecomp.net](mailto:support@api-cecomp.net). Include the RMA# and information regarding the reason for the return with the returned product.

Shipping costs for returns must be prepaid by the customer. For your protection, items must be carefully packed to prevent damage in shipment and

insured against possible damage or loss. API will not be responsible for damage resulting from careless or insufficient packing or loss in transit.

**Cancellation and Restocking**

A 20% restocking fee will be assessed on any cancelled order that has shipped or any product returned for credit. An RMA# must be obtained by the original purchaser before any product can be returned. Only new unused products less than 6 months old may be returned. Installed, used, damaged, modified or customized products can not be returned for credit. API will evaluate returned products and determine type an amount of credit to be issued.

**Repairs**

An RMA# must be obtained before any product can be returned. API will evaluate in-warranty products at no charge. If API determines that the returned product is under warranty, it will repair the product or warranted parts thereof at no charge, or if unrepairable, replace it with the same or functionally equivalent product whenever possible. API will return the warranted product at its expense via a shipping method (carrier to be at sole discretion of API) equal to or faster than the method used by the customer.

Products or parts thereof not covered by warranty will be repaired or replaced at customer expense upon customer authorization. API will return the repaired product at customer expense via a shipping method (carrier to be at sole discretion of API) equal to or faster than the method used by the customer.

**Warranty**

Products manufactured or sold by Absolute Process Instruments Inc. (API) are warranted to be free from significant deviations in material and workmanship according to the product category below. During this time, and within the boundaries set forth in this warranty statement, API will, at its sole discretion, correct the product problem or replace the product.

*API-manufactured signal conditioners, isolators, transmitters, power supplies*  
 Lifetime under terms stated herein.

*API-Camille Bauer products:* 3 years from date of purchase.

*RheinTacho speed monitors:* 1 year from date of purchase.

*APCS signal conditioners:* 1 year from date of purchase.

*API current switches, transmitters, transducers:* 3 years from date of purchase.

*API & Cecomp temperature products, pressure gauges, switches, transmitters*  
 1 year from date of purchase.

This warranty shall not apply to product problems resulting from improper application, installation, incorrect wiring, operation outside of product specifications, abuse, misuse, unauthorized modification, accidents, power surges, power disruptions, power outages, static electricity, improper voltages or currents, inadequate site maintenance or preparation, acts of God, weather and its effects, lightning, floods, fire, earthquake, war, riots, military action, etc.

API products are not for use for, with, or in any medical devices or applications including, but not limited to, patient care, life support systems or medical research. API assumes no responsibility or liability for any loss or damages resulting from use of a API product in a medical or life support application. API products are not for use for, with, or in any hazardous environments.

This warranty is in lieu of all other warranties, expressed or implied, including but not limited to any implied warranty of merchantability, fitness, or adequacy for any particular purpose or use. API shall not be liable for any special, incidental, or consequential damages, whether in contract, tort, or otherwise. In no event shall API be liable for direct, indirect, special, incidental or consequential damages (including loss of profits or loss of time) resulting from the performance of an API product. In all cases, API liability will be limited to the original cost of the product in question.

API reserves the right to make improvements in design, construction, and appearance of products without notice. API may at its sole discretion discontinue support, warranty, or repair of products which it deems are obsolete or for which repair parts are no longer available.

No employee or agent of API has the authority to modify the terms of this warranty in any manner whatsoever without the express written permission of API.