

**NEMA 4X Battery Powered Absolute Vacuum Gauges for Food Processing**



FP option gauges are designed for high humidity food processing applications

- Sealed NEMA 4X ABS/polycarbonate housing for wash down areas
- Internal desiccant for moisture protection
- Conformal coated circuit board
- Available for Absolute Reference ranges only (atmospheric pressure with port open, zero at full vacuum)
- For complete specifications see F4B, F16B, F22B data sheets at cecomp.com/bat
- Consult factory for other ranges or engineering units



3 or 3.5 digits, one button, potentiometer calibration Select shutoff time and options at right		Backlight	Range/Resolution	Time	Auto Shutoff Time Options
	<b>F4B760TORRA – time – FP – options</b>	No	760 torr absolute to 0	<b>5</b>	5 minutes (factory set)
	<b>F4B760MMHGA – time – FP – options</b>		760 mm Hg absolute to 0	<b>10</b>	10 minutes (factory set)
	<b>F4B30INHGA – time – FP – options</b>		30.0 inches Hg absolute to 0	<b>30</b>	30 minutes (factory set)
	<b>F4B1BARA – time – FP – options</b>		1.000 bar absolute to 0	<b>ON</b>	On/off via front button, no auto shutoff (factory set)
	<b>F4BBL760TORRA – time – FP – options</b>	Yes	760 torr absolute to 0	<b>Option</b>	<b>Description</b>
	<b>F4BBL760MMHGA – time – FP – options</b>		760 mm Hg absolute to 0	<b>NC</b>	NIST traceability certificate, 5 test points, test date
	<b>F4BBL30INHGA – time – FP – options</b>		30.0 inches Hg absolute to 0		
	<b>F4BBL1BARA – time – FP – options</b>		1.000 bar absolute to 0		
4 digits, one front button, internal buttons for units, min/max setup, shutoff time, calibration Select default shutoff time and options at right		Backlight	Range/Resolution	Time	Auto Shutoff Time Options
	<b>F16BN760TORRA – time – FP – options</b>	No	760.0 torr absolute to 0	<b>5</b>	5 minutes
	<b>F16BN760MMHGA – time – FP – options</b>		760.0 mm Hg absolute to 0	<b>10</b>	10 minutes
	<b>F16BN30INHGA – time – FP – options</b>		30.00 inches Hg absolute to 0	<b>30</b>	30 minutes
	<b>F16BN1BARA – time – FP – options</b>		1.000 bar absolute to 0	<b>ON</b>	On/off via front button, no auto shutoff
	<b>F16BNBL760TORRA – time – FP – options</b>	Yes	760.0 torr absolute to 0	<b>___</b>	Custom shutoff time, minutes
	<b>F16BNBL760MMHGA – time – FP – options</b>		760.0 mm Hg absolute to 0	<b>__H</b>	Custom shutoff time, hours (8 hours max.)
	<b>F16BNBL30INHGA – time – FP – options</b>		30.00 inches Hg absolute to 0	<b>Option</b>	<b>Description</b>
	<b>F16BNBL1BARA – time – FP – options</b>		1.000 bar absolute to 0	<b>HA</b>	High accuracy, ±0.1% FS
			<b>NC</b>	NIST traceability certificate, 5 test points, test date	
4 digits, 3 button keypad and passcode for units, min/max setup, shutoff time, calibration Select default shutoff time and options at right		Backlight	Range/Resolution	Time	Auto Shutoff Time Options
	<b>F22BN760TORRA – time – FP – options</b>	No	760.0 torr absolute to 0	<b>5</b>	5 minutes
	<b>F22BN760MMHGA – time – FP – options</b>		760.0 mm Hg absolute to 0	<b>10</b>	10 minutes
	<b>F22BN30INHGA – time – FP – options</b>		30.00 inches Hg absolute to 0	<b>30</b>	30 minutes
	<b>F22BN1BARA – time – FP – options</b>		1.000 bar absolute to 0	<b>ON</b>	On/off via front button, no auto shutoff
	<b>F22BNBL760TORRA – time – FP – options</b>	Yes	760.0 torr absolute to 0	<b>___</b>	Custom shutoff time, minutes
	<b>F22BNBL760MMHGA – time – FP – options</b>		760.0 mm Hg absolute to 0	<b>__H</b>	Custom shutoff time, hours (8 hours max.)
	<b>F22BNBL30INHGA – time – FP – options</b>		30.00 inches Hg absolute to 0	<b>Option</b>	<b>Description</b>
	<b>F22BNBL1BARA – time – FP – options</b>		1.000 bar absolute to 0	<b>HA</b>	High accuracy, ±0.1% FS
			<b>NC</b>	NIST traceability certificate, 5 test points, test date	

**Gauge Filter Screen and Quick Connector**

Item	Model	Description	Range	Size
	<b>SCR14SS</b>	Filter screen fitting keeps debris out of gauge sensor Highly recommended for food vacuum packaging applications 303 SS body, 100 micron 304 SS screen.	Vac. to 4000 psi	1/4 NPT female x 1/4 NPT male
	<b>CON14SS</b>	Quick connector allows installation or removal of gauge without tools 304 stainless steel, urethane seal	Vac. to 5000 psi	1/4 NPT female x 1/4 NPT male

Ordering Example	Description
<b>F4B760TORRA-10-FP</b>	Battery powered, 760 torr absolute vacuum gauge, 10 minute auto shutoff, food processing option
<b>F4BBL30INHGA-5-FP-NC</b>	Battery powered, backlit display, 30.0 inHg absolute vacuum gauge, 5 minute auto shutoff, food processing option, NIST certified