

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

Gauge Filter Screen and Quick Connector

Item	Model	Description	Range	Size
	SCR14SS	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
	CON14SS	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
F4B760TORRA-10-FP	Battery powered, 760 torr absolute vacuum gauge, 10 minute auto shutoff, food processing option
F4BBL30INHGA-5-FP-NC	Battery powered, backlit display, 30.0 inHg absolute vacuum gauge, 5 minute auto shutoff, food processing option, NIST certified