



24 Volt Gauges and Transmitters, Gauge Pressure



Calibrations available in inches Hg, inches H₂O, PSIG and others

Vacuum and Pressure Atmospheric pressure as reference, reads zero at atmosphere.
Choose Any Unit Calibration in PSIG, in. Hg, In. H₂O, mm Hg.
Choose Any Range Some standard ranges are shown below, but any range is available.
Best Value Gauges Although low in cost these rugged instruments include all the features you need. Adjustable set point, analog output and more.
Diaphragm Sensors are available with any flange style: NW, NPT, VCR, VCO, etc.
Digital Display (optional) 3 1/2 place LCD gives high resolution over entire gauge range.
Millisecond Response for Alarm Built in relay and set point provide msec. response for alarm; adjustable relay does not have to wait for slow scanning data systems.
Cable Length to 500 feet Add or change the cable length between sensor and gauge up to 500 Ft. (150m) No affect on calibration.
Control or Alarm These gauges provides an inexpensive and straightforward way to control your vacuum system. Use the adjustable set point with built-in relay to control backfill pressure on pump and purge operations. Or, feed the Fast Response analog output into your PC or PLC and let the digital system make the control decisions based on the signal.

Specifications

Power: Gauges operate from 12 to 35 VDC, 150 mA. for all ranges.

Response time: Less than 400 milliseconds.

Accuracy: Whichever is larger dependent on range, 1% of reading, or:
 ± .01 PSIG with 1 PSIG range; ± 0.15 PSIG with 15 PSIG range;
 ± .02 in. Hg with 2 in. Hg range; ± 0.3 In. Hg with 30 In. Hg range;
 ± .02 In. H₂O with 20 In. H₂O range.

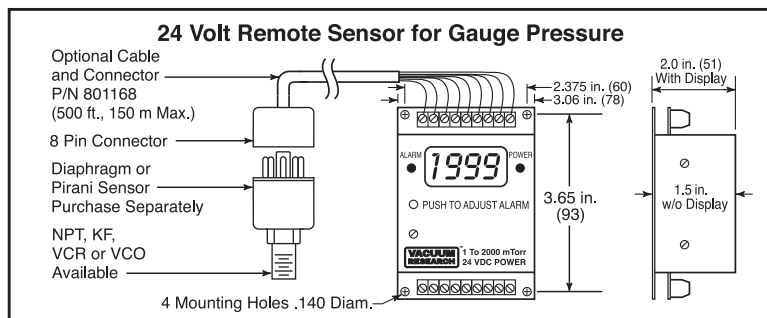
Analog Output: Included in all models.

Display (Optional): 3 1/2 Place LCD.

Relay: SPDT contacts rated for 5A @ 115 VAC, non-inductive.

Sensor Material: 316 Stainless Steel.

Sensor Cable Length: Purchase cable separately, up to 500 ft. (150 M.) See below for ordering information.



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Gauge Pressure Instruments (Zero at atmosphere)	Order With or Without Digital Display	Sensors for Gauge Pressure Instruments (316 Stainless Steel Diaphragm)
± 1 PSIG Includes linear 0 to 1 VDC output and adjustable set point with 5 A relay. Digital display is optional. Sensor and cable purchased separately.	With Digital Display P/N 902270 \$384. No Digital Display P/N 902271 \$217.	1/4 in. NPT P/N 912350 . . \$388. 1/8 in. NPT P/N 912353 . . \$438. NW-16 Flange P/N 912351 . . \$438. NW-25 Flange P/N 912354 . . \$438. VCR-8 Female P/N 912352 . . \$493. 1/2 in. OD Tube P/N 912355 . . \$438.
± 15 PSIG Includes linear 0 to 1.5 VDC output and adjustable set point with 5 A relay. Digital display is optional. Sensor and cable purchased separately.	With Digital Display P/N 902272 \$384. No Digital Display P/N 902273 \$217.	1/4 in. NPT P/N 912356 . . \$388. 1/8 in. NPT P/N 912359 . . \$438. NW-16 Flange P/N 912357 . . \$438. NW-25 Flange P/N 912360 . . \$438. VCR-8 Female P/N 912358 . . \$493. 1/2 in. OD Tube P/N 912361 . . \$438.
± 2 In. Hg Includes linear 0 to 2 VDC output and adjustable set point with 5 A relay. Digital display is optional. Sensor and cable purchased separately.	With Digital Display P/N 902274 \$384. No Digital Display P/N 902275 \$217.	Instruments calibrated for ± 2 In. Hg use the same sensors as shown above for the ± 1 PSIG instruments.
± 30 In. Hg Includes linear 0 to 0.3 VDC output and adjustable set point with 5 A relay. Digital display is optional. Sensor and cable purchased separately.	With Digital Display P/N 902276 \$384. No Digital Display P/N 902277 \$217.	Instruments calibrated for ± 30 In. Hg use the same sensors as shown above for the ± 15 PSIG instruments.
± 20 in. H ₂ O Includes linear 0 to 2 VDC output and adjustable set point with 5 A relay. Digital display is optional. Sensor and cable purchased separately.	With Digital Display P/N 902278 \$384. No Digital Display P/N 902279 \$217.	Instruments calibrated for ± 20 In. H ₂ O use the same sensors as shown above for the ± 1 PSIG instruments.

Cable Assembly includes a connector for the sensor on one end and stripped and tinned leads on the other end to connect to the terminal strip. Connector on only one end allows the cable to be pulled through conduit or to more easily enter your cabinet. Specify length up to 500 ft. (150 M.).
 P/N 801168- xxx feet.....\$20. plus \$1./Ft.

Power Supplies These instruments will operate with any voltage from 12 to 35 volts D.C. and can be powered from your D.C. bus. If no D.C. power is available these wall mount supplies will operate with any input from 100 to 240 VAC (90 to 264 VAC) 47 to 63 Hz. 4 A.C. plugs are included for outlets in USA, UK, Europe and Australia.
 P/N V104134, 800 mA \$69. P/N V104135, 1600 mA \$101.