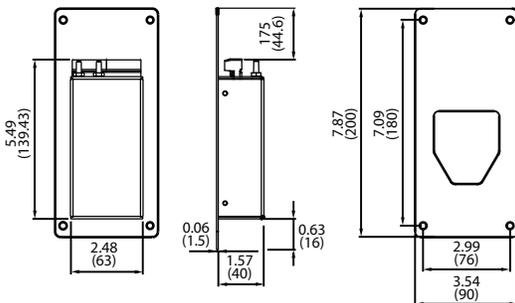


Stainless Steel Room Pressure Monitor



DIMENSIONS



SPECIFICATIONS

Maximum Pressure:

Ranges -00 to -05 = 2 PSI (13.8 kPa)
 Ranges -06 to -14 = 10 PSI (68.9 kPa)

Media Compatibility: Air and compatible non-combustible, non-corrosive gasses

Accuracy: 1.0%, 0.5%, or 0.25%

Temperature Ranges:

Compensated and Operating: 10° to 140°F (-12° to 60°C)

Thermal Effect: +/- 0.02% FS/°F

Output Signal: 4-20 mA (option)

Loop Resistance: 750 Ω Max (for internally sourced power); 1800 Ω Max (for externally sourced power of 36 VDC)

Power Supply: Universal 24-240 VAC or VDC

Housing Material: Front cover - 316L SS and Acrylic, Back housing - 304 SS

Relays: (2) SPDT 8 Amps @ 250 VAC, 5A @30 VDC

Electrical Connections: Removable terminal block

Response Time: <100 ms

Display: 4 Digit, red LED, ½" (12.7 mm) digits; OLED programming display

Process Connection: Barbed fittings for 3/16" (5 mm) tubing

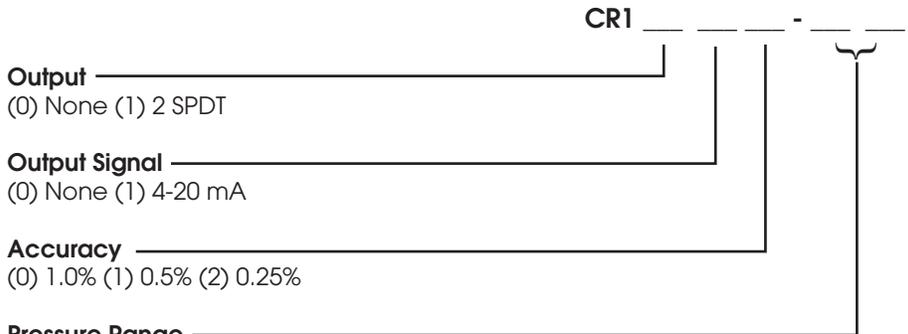
Agency Approvals: ETL and CE pending

- All Stainless Steel Construction
- Ranges from +/- 0.25" w.c. (60 Pa)
- 1.6" (40 mm) Panel Depth
- Universal Power 24 - 240 VAC / VDC
- (2) 8 Amp SPDT Relays
- OLED Program Display
- Large LED Display

The Series CR is a microprocessor based room pressure monitor for positive, negative, and differential pressure. The Series CR has a 316L Stainless Steel cover to meet clean room and other high purity and wash down requirements. It features (2) 8A SPDT relays for control and a 4-20 mA output. The programmable control allows full configuration of variables such as setpoints, dead band, engineering units, flow coefficients, and more. The programming is done with a user-friendly Opti-Link™ remote on the OLED display or uploaded using an Opti-Link™ programming key. The OLED also displays the exact setpoints or other user defined variables during normal operation. Furthermore, the menu structure can be customized by moving variables to different menu levels to accommodate many applications.

PART NUMBER CONFIGURATION

Sample: CR1111-02



Pressure Range

Number	Range (Pa/kPa)	Number	Range (Pa/kPa)	Number	Range (Pa/kPa)
(-00)	0-0.25" (60)	(-05)	0-4" (1.0)	(10)	0-20" (5.0)
(-01)	0-0.5" (125)	(-06)	0-5" (1.25)	(11)	0-30" (7.5)
(-02)	0-1" (250)	(-07)	0-8" (2.0)	(12)	0-40" (10)
(-03)	0-2" (500)	(-08)	0-10" (2.5)	(13)	0-50" (12.5)
(-04)	0-3" (750)	(-09)	0-15" (3.75)	(14)	0-60" (15)

* All ranges are bi-directional

ACCESSORIES

- **A-201** Rubber 90 degree fitting for 3/16" ID tubing
- **PK-03** Opti-Link™ Infrared Programming Remote