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Find the *Sensocon A4110-02* at our website: *Click HERE*

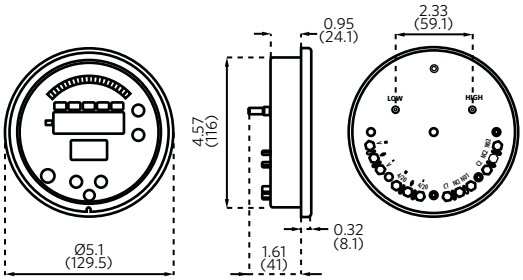
SERIES A4 Digital Differential Pressure Control



- **Mounts in Industry Standard Holes**
- **1.6" (41 mm) Panel Depth**
- **OLED Program Display**
- **Measures Flow & Velocity**
- **Optional 4 – 20 mA Output**
- **Universal Power 24 – 240 VAC / VDC**
- **(2) 8A SPDT Relays**

The Series A4 digital differential pressure controller is a patented microprocessor based pressure controller for positive, negative, and differential pressure as well as velocity and flow. The Series A4 differential pressure controller includes (2) 8A SPDT relays, and an optional digitally scalable 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 from a user friendly menu on the OLED display. 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 user preferences. Compared to other mechanical products, the Series A4 digital differential pressure controller has a significantly reduced depth, an improved look, and better performance.

DIMENSIONS



SPECIFICATIONS

Maximum Pressure:
Ranges -00 to -07= 2 PSI (13.8 kPa)
Ranges -08 to -12 = 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 (-23° 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: Glass Filled Nylon

Enclosure Rating: Designed to meet NEMA 4X (IP 65) face; with optional cover the entire product is weatherproof

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

Electrical Connections: screw terminals

Response Time: <100 ms

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

Process Connections: Push on connection for 3/16" (5 mm) tubing

Agency Approvals: CE

PART NUMBER CONFIGURATION

Sample: A4112-03

A41 ___ ___ - ___ ___

Output
(0) None (1) 4 – 20 mA

Accuracy
(0) 1.0% (1) 0.5% (2) 0.25%

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)		
(-04)	0 – 3" (750)	(-09)	0 – 15" (3.75)		

* All ranges are Bi-directional

ACCESSORIES

- **A-101** Weather-Proof Cover / Surface Mount Bracket
- **A-201** Rubber 90 degree fitting for 3/16" ID tubing
- **A-010** PG 21 Cable Gland for use with A-101 Cover

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