

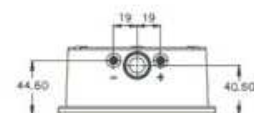
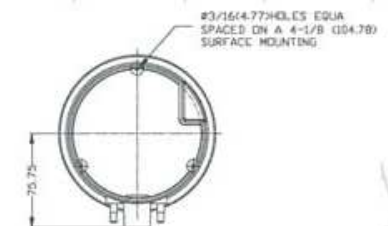
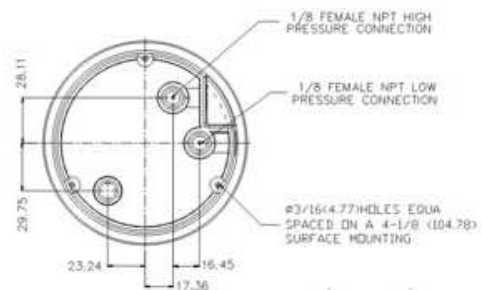
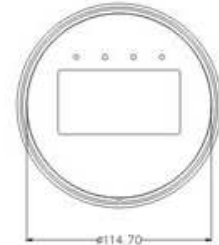
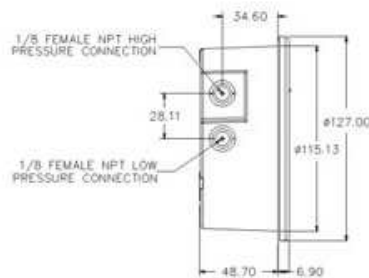


J-6500 Pressure Transmitter

Quality Technology



Size



Application

- Air conditional
- Fan industrial
- Filter and fan
- Negative pressure isolation room
- Flow of air controller
- Air pressure controller
- Engineering of machinery and system
- Environment engineering system

Specification

Service: Air and non-combustible, compatible gases.
 Accuracy: < 5" w.c. (except ± 2.5 " w.c.); $\pm 1\%$; All other ranges: $\pm 0.5\%$ at 77°F (25°C) including hysteresis and repeatability (after 1 hour warm-up).
 Temperature Limits: 32 to 140 °F (0 to 60 °C).
 Compensate Temperature: 32 to 140 °F (0 to 60 °C).
 Stability: < $\pm 1\%$ per year
 Pressure Limits Range: measure ≤ 2.5 " wc : 25psi : ± 2.5 " * 5" wc: 5 psi : 10" wc : 5 psi : 25" wc: 5 psi : 50" wc: 5 psi : 100" wc: 9 psi
 Max Pressure: 5X RATED FS
 Thermal Effects: 0.020%/°F (0.036/°C) 從 77°F (25°C) Power Requirements: 12-24 VAC / VDC.
 Output Signal: 4-20mA DC into 900 Ω max.
 Power Consumption: 3VA max
 Pressure Unit: INWC \ FTWC \ MMWC \ CMWC \ PSI \ INHG \ MMHG \ MBAR \ PA \ KPA \ HPA \ OZIN
 Zero & Span Adjustments: Accessible via menus.
 Response Time: 250 ms
 Display: Backlit 4 digital LCD 20mm height and pressure display BAR, LED Indicators for set point and alarm status.
 Water Proof: IP65
 Wire Specifications: AWM2464, AWG28, 10C Cable, Wire2M
 Process Connections: 1/8" female NPT. Side or back connections.
 Size: 5" (127mm) O.D. front face
 Weight: 442 g.
 Switch Type: 2 SPDT Relays.
 Electrical Rating: 1 A @ 30 VAC / VDC.
 Set Point Adjustment: by surface buttons to adjustable via keypad on face.
 Approvals: CE
Process conjunction: high pressure and low-pressure hole of 1/8" drill tube thread, 2 set (side and back each)
Standard fitting: 2 pcs 1/8" NPT head, 2 pcs 1/8" spiral plastic tube; & 3 pcs with bolt for bolt card installation.
Casing Material: Glass filled plastic

Features

The Series J-6500 Digital Differential Pressure Controller is a 3 in 1 instrument possessing a digital display gauge, control relay switches, and a transmitter with current output all packed. Combining these 3 features allows the reduction of several instruments with one product, saving inventory, installation time and money. The Digital Differential pressure controller is the ideal instrument for pressure, velocity and flow applications, achieving a 1% full scale accuracy on ranges down to the extremely low 0.25" w.c. to 2.5" w.c. full scale. Ranges of 5" w.c. and greater maintain 0.5% F.S. accuracy. Bi-directional ranges are also available. The Series J-6500 Digital controller allows the selection of pressure, velocity or volumetric flow operation in several commonly used engineering units. 2 control relays with adjustable deadbands are provided along with a scalable 4-20 mA process output. Programming is easy using the menu key to access 5 simplified menus which provide access to: security level; selection of pressure, velocity flow operation; selection of engineering unit; K-factor for use with flow sensors; rectangular or circular duct for inputting area in flow applications; set point control or set point and alarm operation; alarm operation as a high, low or high/low alarm; automatic or manual alarm reset; alarm delay; view peak and valley process reading; digital damping for smoothing erratic process applications; scaling the 4-20 mA process output to fit your applications range and field calibration.

Specifications :

Product	J-6500-DP002-P			Description	
Type	J-				
Size	6500			5 in.	
Voltage		D		DC	
		A		AC	
Material		P		Engineering Plastic	
		A		Aluminum	
Pressure Range			001	0-0.1 in w.c.	
			002	0-0.25 in w.c.	
			003	0-0.5 in w.c.	
			004	0-1 in w.c.	
			005	0-2.5 in w.c.	
			006	0-5 in w.c.	
			007	0-10 in w.c.	
			009	0-25 in w.c.	
			010	0-50 in w.c.	
			011	0-100 in w.c.	
			013	0.25-0.0.25 in w.c.	
			014	0.5-0.0.5 in w.c.	
			015	1-0.1 in w.c.	
			016	2.5-0.2.5 in w.c.	
			017	5-0.5 in w.c.	
			018	10-0.10 in w.c.	
	Display			P	2M outgoing line from rear cover
				N	2M outgoing line from side cover

*1: Compound has no velocity and flow

*2: Over 25 in w.c. has no velocity and flow