



Series
634S

Adjustable Range Pressure Transmitter

316L SS Wetted Parts, Ranges to 5000 psi, 0.5% F.S. Accuracy



Pressure



Series 634S Pressure Transmitters sense a single positive pressure for air, compatible gas or liquid and provide a standard 4-20 mA output signal. Media compatible with and 316LSS. Ten field adjustable models cover any range from 0-7.5 to 0-5000 psi. Zero and span controls are easily accessible yet fully protected within side housing. Cable gland accepts .10-.25" I.D. round cable. Tough glass filled nylon case includes integral holes for surface mounting, positive pressure can be measured within an accuracy of $\pm 0.5\%$ of span and is designed for general purpose applications.

STOCKED MODELS in bold

Model Number	Range in psi (bar)	Min. Range in psi (bar)	Max. Range in psi (bar)
634S-0	15 (1.035)	7.5 (0.517)	40 (2.76)
634S-1	30 (2.07)	20 (1.38)	40 (2.76)
634S-2	50 (3.45)	40 (2.76)	60 (4.14)
634S-3	100 (6.9)	60 (4.14)	120 (8.3)
634S-4	200 (13.8)	100 (6.9)	250 (17.2)
634S-5	300 (20.7)	250 (17.2)	350 (24.1)
634S-6	500 (34.5)	350 (24.1)	600 (41.4)
634S-7	1000 (69)	600 (41.4)	1250 (86)
634S-8	2000 (138)	1250 (86)	2500 (172)
634S-9	4000 (276)	2500 (172)	5000 (344.5)

SPECIFICATIONS

Service: Compatible, gases & liquids.
Wetted Materials: Type 316L SS.
Accuracy: $\pm 0.5\%$ F.S.
Stability: $\pm 1\%$ F.S./yr.
Temperature Limits: 0 to 140°F (-17.8 to 60°C).
Compensated Temperature Limits: 20 to 120° (-6.67 to 48.9°C).
Pressure Limit: 1.5x pressure range.
Thermal Effect: $\pm 0.025\%$ F.S./°F (0.045% F.S./°C).
Power Requirements: 10 to 35 VDC (2 wire).
Output Signal: 4 to 20 mA.
Zero & Span Adjustments:

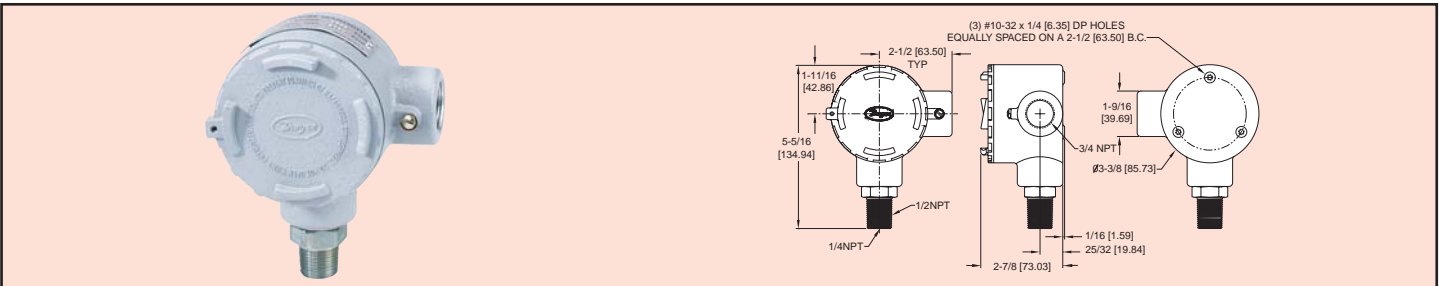
Protected potentiometers located in auxiliary housing.
Loop Resistance: 1250 ohms DC max.
Current Consumption: 38 mA DC max.
Electrical Connections: 4 screw terminal block.
Process Connection: 1/8" (3.18 mm) female NPT.
Enclosure Rating: Designed to meet NEMA 4.
Mounting Orientation: Not position sensitive.
Weight: 7.7 oz (218 g).
Agency Approvals: CE.



Series
634ES

Adjustable Range Pressure Transmitter

0.5% Full Span Accuracy, Ranges to 5000 psi



Series 634ES Transmitters sense a single pressure for air, compatible gas or liquid and provide 4-20 mA output signal. Positive pressure can be measured within an accuracy of $\pm 0.5\%$ of span. The Series 634ES uses an isolated piezoresistive pressure sensor to produce a resistance change across a wheatstone bridge. Convenient 2-wire operation simplifies installation. Zero and span adjustments are fully protected inside a rugged die cast aluminum housing with durable gray polyurethane finish. Enclosure is designed to meet NEMA 4X requirements.

STOCKED MODELS

Model Number	Range in psi (bar)	Min. Range in psi (bar)	Max. Range in psi (bar)
634ES-0	15 (1.035)	7.5 (0.517)	40 (2.76)
634ES-1	30 (2.07)	20 (1.38)	40 (2.76)
634ES-2	50 (3.45)	40 (2.76)	60 (4.14)
634ES-3	100 (6.9)	60 (4.14)	120 (8.3)
634ES-4	200 (13.8)	100 (6.9)	250 (17.2)
634ES-5	300 (20.7)	250 (17.2)	350 (24.1)
634ES-6	500 (34.5)	350 (24.1)	600 (41.4)
634ES-7	1000 (69)	600 (41.4)	1250 (86)
634ES-8	2000 (138)	1250 (86)	2500 (172)
634ES-9	4000 (276)	2500 (172)	5000 (414)

SPECIFICATIONS

Service: Compatible, gases & liquids.
Wetted Materials: Types 316, 316L SS.
Accuracy: $\pm 0.5\%$ F.S.
Stability: $\pm 1\%$ F.S./yr.
Temperature Limits: 0 to 140°F (-17.8 to 60°C).
Compensated Temperature Limits: 20 to 120°F (-6.67 to 48.9°C).
Pressure Limit: 1.5x maximum pressure range.
Thermal Effect: $\pm 0.025\%$ F.S./°F (0.045% F.S./°C).
Power Requirements: 10 to 35 VDC (2 wire).
Output Signal: 4 to 20 mA.

Zero & Span Adjustments: Protected potentiometers located in auxiliary housing.
Loop Resistance: 1250 ohms DC max.
Current Consumption: 38 mA DC max.
Electrical Connections: Terminal block.
Process Connection: 1/4" (6.35 mm) female NPT x 1/2" (12.7 mm) male NPT.
Enclosure Rating: Designed to meet NEMA 4x.
Mounting Orientation: Not position sensitive.
Weight: 1 lb, 10.6 oz (754 g).
Agency Approvals: CE.