Series 634ES
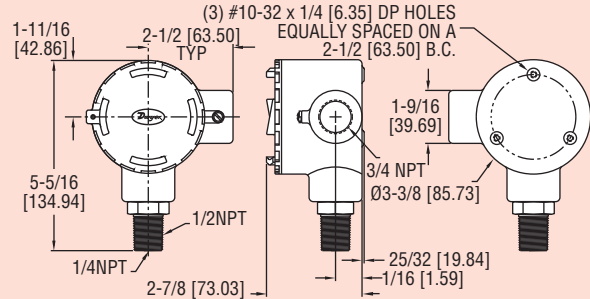
Adjustable Range Pressure Transmitter
0.5% Full Span Accuracy, Ranges to 5000 psi

CE

Scan here to watch product video

1-11/16 [42.86]
2-1/2 [63.50] TYP
(3) #10-32 x 1/4 [6.35] DP HOLES EQUALLY SPACED ON A 2-1/2 [63.50] B.C.
5-5/16 [134.94]
1-9/16 [39.69]
1/2NPT
3/4 NPT
Ø3-3/8 [85.73]
1/4NPT
25/32 [19.84]
1/16 [1.59]
2-7/8 [73.03]

Series 634ES Transmitters sense a single pressure for air, compatible gas or liquid and provide 4 to 20 mA output signal. Positive pressure can be measured within an accuracy of ±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 enclosure with durable gray polyurethane finish. Enclosure is designed to meet NEMA 4X (IP66) requirements.

Model	Range in psi (bar)	Min. Range in psi (bar)	Max. Range in psi (bar)
634ES-0	10 (0.69)	10 (0.69)	20 (1.38)
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)	6000 (414)

SPECIFICATIONS
Service: Compatible, gases & liquids.
Wetted Materials: Types 316, 316L SS.
Accuracy: ±0.5% FS.
Stability: ±1% FS/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: ±0.025% FS/°F (0.045% FS/°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 Ω 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 (IP66).
Mounting Orientation: Not position sensitive.
Weight: 1 lb 10.6 oz (754 g).
Agency Approvals: CE.

OPTION
For NIST traceable calibration certificate, add suffix -NIST to model numbers. Example: 634ES-2-NIST.