

Specifications | 8631 Venturi

SPECIFICATIONS continued

Optional Pressure Transmitter*

- Range: -3 to +3"w.c.
- Span: 0-3"w.c.
- Accuracy as spanned (with transmitter zeroed after installation): ± 0.003 "w.c.
- Ambient temperature effect as spanned: ± 0.009 "w.c./50°F
- Total error w/0F temp. change: .1% at 3"w.c. dp; 2.5% at .12"w.c. dp; 10% at .03" dp
- Total error w/50F temp. change: .32% at 3"w.c. dp; 7.91% at .12"w.c. dp; 31.62% at .03" dp
- Minimum dp limit: 0.01"w.c.
- Output: 4-20 mA DC Linear
- Protocol: Hart
- Ambient Temperature range: -40 to 185°F, -40 to 176°F (w/LCD display)
- Process Fluid Temperature Range: -40 to 212°F (with direct mounted pressure transmitter)
- Pressure Rating: 0.5 psia to 750 psig
- Connections: ½" NPT conduit
- 3 Valve Manifold connections: ½" NPT
- Certifications: FM Explosion Proof, Dust and Ignition Proof; Class I, Div1, Groups B, C, D, T5; Class II and III Div 1, Groups E, F,G, T5

- Enclosure type: 4X
- Part Number: R895-8631 (without display) - R895-8631-LCD (with display)

Temperature: Select TC or RTD

Option - Thermocouple

- Type: J, mineral insulated (MgO)
- Length: 8"
- Sheath Material: 304 Stainless Steel
- Connection: ½" NPT conduit
- Part Number: R860-3921

Option - RTD

- Type: 3 wire, 100 ohm platinum sensor
- Length: 8"
- Sheath Material: 304 Stainless Steel
- Connection: ½" NPT conduit
- Part Number: R860-3992

Optional Pressure Switch

Differential Pressure

- Range: 0.40 to 4.00"w.c.
- Max. Oper. Pressure: 7 psi
- Contact Rating: 5A resistive, 3A inductive @ 120VAC SPDT Silver Contacts
- Connection: ¼" NPT positive connection ⅛" NPT negative connection
- Enclosure Type: NEMA 4
- Part Number: 8757-A4-4i

Static Pressure

- Range: 12 to 60"w.c.
- Max Oper. Pressure: 7 psi
- Contact Rating: 10A resistive, 8A inductive @ 120VAC SPDT Silver Contacts
- Connection: ¼" NPT
- Enclosure Type: NEMA 4
- Part Number: 8757-GAO-A4/4/6

* Other pressure transmitters are available. Different span, agency approvals and SIL rated units are available. Contact your North American sales representative for availability.