

# SOR® Compact Pressure Transmitters

- Designed for the rigors of hostile environments and hazardous locations when space is limited.
- Variety of features and communication protocols, in addition to an innovative sensor technology that makes them immune to hydrogen and other contaminants.
- Ideal economic, discrete and continuous pressure monitoring choice.

## Features and Benefits

- Explosion proof and weatherproof housing
- Performance tested for accuracy compliance from -40°F to 176°F (-40°C to 80°C)
- 5:1 turndown
- True gauge pressure measurement
- Dual Seal approval to ANSI 12.27.01
- Three year warranty
- Global certifications
- Local indicating LCD display available



	805PT		805QS		815PT	815DT	815LT
	C	V	C	V			
4-20mA Output	●		●		●	●	●
1-5 VDC (low power) Output		●		●	●	●	●
Solid-State Switch Output			●	●	●	●	●
HART Protocol					●	●	●
Modbus RTU Protocol					●	●	●
External Zero/Span Points					●	●	●
Submersible for Level Measurement							●
Pressure Ranges	0-138 in. w.c. to 0-30,000 psi (.3 bar to 0-2070 bar) 0-15 psi to 1-100 psi (0-1.0 bar to 0-6.9 bar)					0-138 in w.c. to 0-500 psid (.3 bar to 635 bar)	0-35 ft. w.c. to 0-575 ft. w.c. (0-10.7 m w.c. to 0-175.3 m w.c.)
Response Time	<=5ms				<=70ms	<=70ms	<=70ms
Accuracy (BFSL) ... [Linearity, Hysteresis & Repeatability]	± 0.25% URL				± 0.10%	± 0.10%	± 0.10%
Construction	316SS Housing (CF8M)						
Standard Process Connection	1/2" NPT(M) with 1/4" NPT(F)				1/4" NPT(F) (Hi & Lo side)	1/2" NPT(M) with 1/4" NPT(F) and removable PVC nose cone	
Warranty	3 Years						