

# 800 Series Compact Transmitters

The 800 Series Transmitters are rugged, compact, loop-powered instruments that are ideally suited for hazardous locations and hostile environments where space is limited. They offer a true pressure switch replacement and come with industry standard outputs to meet applications where low-cost, discrete, and continuous monitoring is required or preferred.

	815PT	815DT	815LT	
4-20mA Output	●	●	●	815LT Submersible Level Pressure Transmitter
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	0-138 in w.c. to 0-500 psid	0-35 ft. w.c. to 0-575 ft. w.c.	
Response Time	<=70ms	<=70ms	<=70ms	
Accuracy	± 0.25%	± 0.25%	± 0.25%	
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) with removable PVC nose cone	

- Explosion-proof housing that is NEMA 4X and IP66 rated (815LT IP68)
- Local Indicating Display option available
- Hermetically sealed leads
- FM, ATEX, IECEx, and INMETRO certified for hazardous locations in U.S., Canada, and Europe
- CRN approved
- NACE option available
- Dual Seal approval option available
- Absolute Pressure range options
- 3 Year Warranty

**SORInc.com**

**Engineered to Order with Off-the-Shelf Speed**

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815DT  
Differential  
Pressure  
Transmitter

815PT Pressure Transmitter

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MEASUREMENT AND CONTROL