



Description & Features:

- Microprocessor-based high performing transmitter
- Explosion proof smart pressure transmitter for hazardous locations
- Rugged stainless steel construction with silicone sensing technology
- 0.1%, 0.2% or 0.5% accuracy
- Digital HART or Modbus communications available
- cCSAus approved for hazardous locations (up to 10,000 psi)
- 5 NACE compliant for sour gas applications
- Single seal ANSI compliance pending
- CRN registered
- 5 year warranty

Applications:

- Suitable for a variety of hazardous and smart pressure transmitter-installations including petrochemical plants, pipelines, fuel transfer systems and power plants
- Any hazardous location requiring high performance pressure monitoring

Specifications

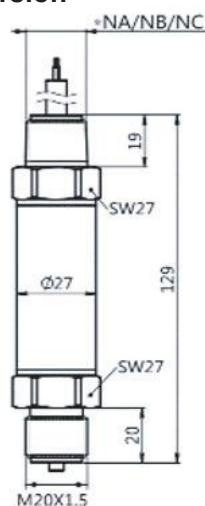
Output Signal	4/20 mA, 2-wire / V = 10-30 VDC 4/20 mA + HART, 2-wire / V = 16.5-55 VDC Modbus-RTU / RS485, 4-wire / V = 9-30 VDC 0.5/4.5 VDC, 3-wire / V = 6-30 VDC 0.5/4.5 VDC, 3-wire ratiometric output / V = 5 VDC
Accuracy	0.2% URL standard, 0.1% and 0.5% optional
Stability	0.1% URL per year
Temperature Ranges	Working temperature: -40/85 deg C, -40/185 deg F Storage temperature: -40/110 deg C, -40/230 deg F Media temperature: Silicone oil -30/80 deg C (-22/176 deg F)
Working Humidity	0-95 %
Pressure Connection	1/4" or 1/2" NPT M, 1/4" or 1/2" GM or M 20
Housing	All stainless steel construction including welded seal
Wetted Parts	316L, NACE compliant stainless steel
Overload Pressure	1.5 x rated pressure
Power Consumption	</- 500 mW (20.8 mA output @ 24 VDC)
Vibration	10 g, 25...2,000 Hz
Shock	500 g, 1 ms
Protection Class	EMI, ESD, RFI protection - Surge immunity IEC61000-4-5 IP67 standard
Approvals	CSA for USA & Canada (up to 10,000 psi) - Class I Division 1 Group A, B, C & D T6 / Class II Division 1 Group E, F & G T80 deg C / Class III CRN Registered
Weight	0.95 lbs (0.43 kg)
Operational Life	10 million cycles

Order Codes

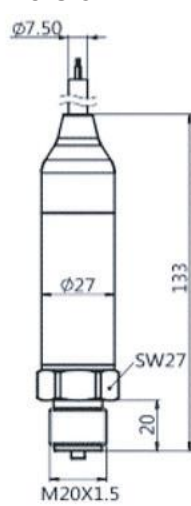
Process Connection		1/4" NPT	1/2" NPT	1/4" NPT	1/2" NPT	1/4" NPT	1/2" NPT	1/4" NPT	1/2" NPT
Pressure Range	Overload Limit (psi)	4/20 mA		4/20 mA + HART		0.5/4.5 VDC		MODBUS RS485	
-1/0/1 PSI	1.52	LXP011XN4	LXP011XN2	LXP01HXN4	LXP01HXN2	LXP013XN4	LXP013XN2	LXP01RXN4	LXP01RXN2
-3/0/3 PSI	4.35	LXP021XN4	LXP021XN2	LXP02HXN4	LXP02HXN2	LXP023XN4	LXP023XN2	LXP02RXN4	LXP02RXN2
-5/0/5 PSI	7.61	LXP031XN4	LXP031XN2	LXP03HXN4	LXP03HXN2	LXP033XN4	LXP033XN2	LXP03RXN4	LXP03RXN2
-14.5/0/14.5 PSI	21.76	LXP041XN4	LXP041XN2	LXP04HXN4	LXP04HXN2	LXP043XN4	LXP043XN2	LXP04RXN4	LXP04RXN2
-14.5/0/30 PSI	43.50	LXP051XN4	LXP051XN2	LXP05HXN4	LXP05HXN2	LXP053XN4	LXP053XN2	LXP05RXN4	LXP05RXN2
-14.5/0/100 PSI	152.29	LXP061XN4	LXP061XN2	LXP06HXN4	LXP06HXN2	LXP063XN4	LXP063XN2	LXP06RXN4	LXP06RXN2
-14.5/0/145 PSI	217.60	LXP071XN4	LXP071XN2	LXP07HXN4	LXP07HXN2	LXP073XN4	LXP073XN2	LXP07RXN4	LXP07RXN2
-14.5/0/250 PSI	369.80	LXP081XN4	LXP081XN2	LXP08HXN4	LXP08HXN2	LXP083XN4	LXP083XN2	LXP08RXN4	LXP08RXN2
-14.5/0/500 PSI	761.40	LXP091XN4	LXP091XN2	LXP09HXN4	LXP09HXN2	LXP093XN4	LXP093XN2	LXP09RXN4	LXP09RXN2
-14.5/0/1,000 PSI	1,522.90	LXP101XN4	LXP101XN2	LXP10HXN4	LXP10HXN2	LXP103XN4	LXP103XN2	LXP10RXN4	LXP10RXN2
-14.5/0/2,500 PSI	3,698.50	LXP111XN4	LXP111XN2	LXP11HXN4	LXP11HXN2	LXP113XN4	LXP113XN2	LXP11RXN4	LXP11RXN2
-14.5/0/5,000 PSI	7,614.50	LXP121XN4	LXP121XN2	LXP12HXN4	LXP12HXN2	LXP123XN4	LXP123XN2	LXP12RXN4	LXP12RXN2
-14.5/0/6,000 PSI	8,702.30	LXP131XN4	LXP131XN2	LXP13HXN4	LXP13HXN2	LXP133XN4	LXP133XN2	LXP13RXN4	LXP13RXN2
-14.5/0/8,700 PSI	13,053.40	LXP141XN4	LXP141XN2	LXP14HXN4	LXP14HXN2	LXP143XN4	LXP143XN2	LXP14RXN4	LXP14RXN2
-14.5/0/10,000 PSI	15,229.00	LXP151XN4	LXP151XN2	LXP15HXN4	LXP15HXN2	LXP153XN4	LXP153XN2	LXP15RXN4	LXP15RXN2
-14.5/0/14,500 PSI	21,755.70	LXP161XN4	LXP161XN2	LXP16HXN4	LXP16HXN2	LXP163XN4	LXP163XN2	LXP16RXN4	LXP16RXN2

Dimensions (mm)

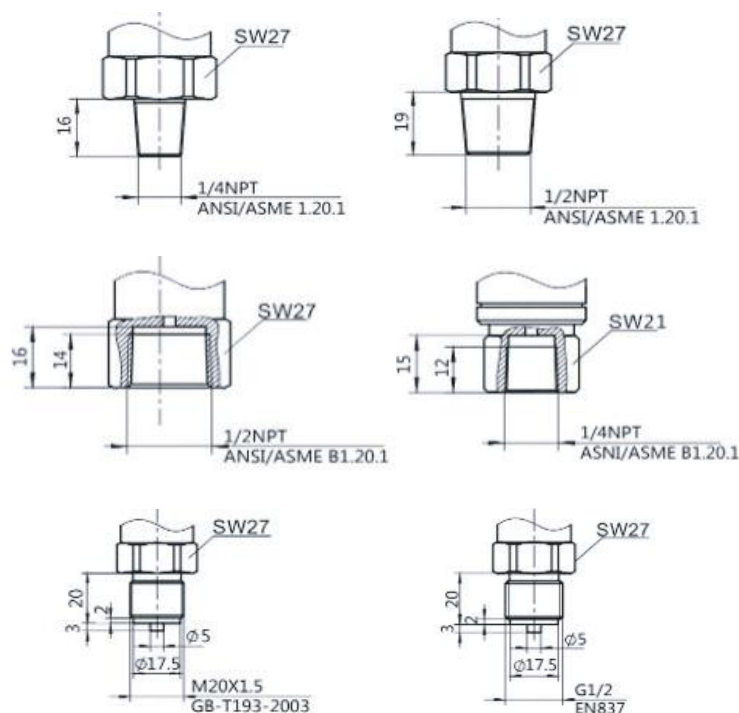
Explosion Proof Version



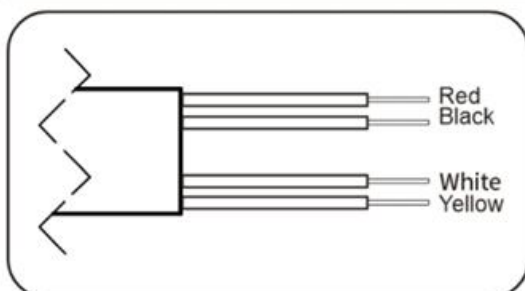
Water Proof Version



Process Connections

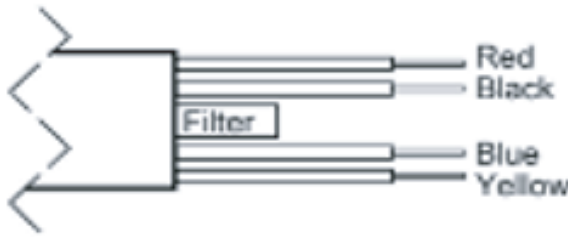


Cable outlet



Label	4-20mA	4-20mA +HART	0.5-4.5 VDC	Modbus-RTU/RS485
Red	Power+	Power+	Power+	Power+
Black	Power-	Power-	Power-	Power-
White	Key-Z	Key-Z	Key-Z	A+
Yellow	-	-	Signal+	B-

Pin Configurations



Label	Two wires	Three wires	Four wires	Modbus-RTU/RS485
Red	Power+	Power+	Power+	Power+
Black	Power-	Power-	Power-	Power-
Blue		signal+	Signal+	A+
Yellow			Signal-	B-

Label	Two Wires	Three Wires	Four Wires	Modbus - RTU/RS485
Red	Power +	Power +	Power +	Power +
Black	Power -	Power -	Power -	Power -
Blue		Signal +	Signal +	A +
Yellow			Signal -	B -

Series Number (how to order)

[illegible]