



### Description & Features:

- Sanitary tri-clamp with all stainless steel construction and designed eliminate debris build-up in the diaphragm
- Compact yet rugged stainless steel housing with highly accurate stainless steel sensor
- Available ranges from vacuum to 5,000 PSI (350 BAR)
- DIN-style electrical connection, cable outlet & M12 also available
- $\pm 0.5\%$  accuracy standard,  $\pm 0.25\%$  accuracy optional
- CE mark and RoHS compliant
- Electromagnetic protection
- 5 year warranty

### Applications:

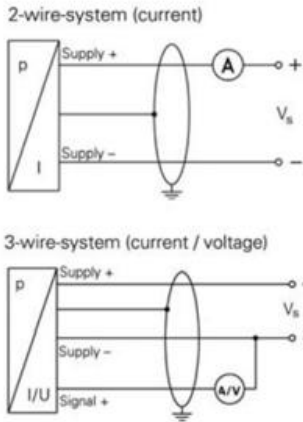
- With a hygienic tri-clamp connection, the LST is designed for all sanitary applications including food & beverage, dairy, pharmaceutical and bio-technology

### Specifications

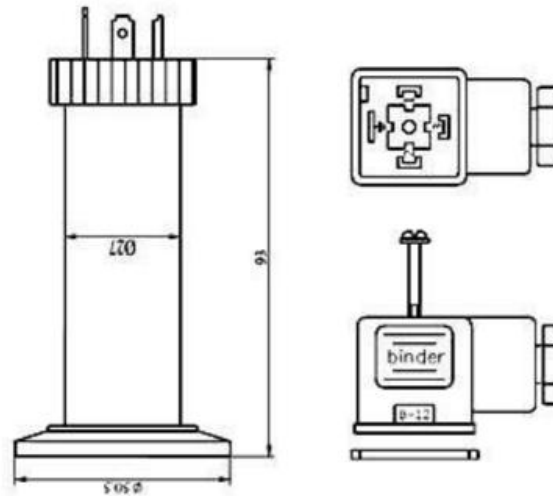
<b>Output Signal</b>	4...20 mA, 2-wire / $V_s = 10-30$ Vdc 0...10 Vdc, 3-wire / $V_s = 10-30$ Vdc 0...5 Vdc, 3-wire / $V_s = 10-30$ Vdc 1...5 Vdc, 3-wire / $V_s = 10-30$ Vdc
<b>Accuracy</b>	$\pm 0.5\%$ Full Scale Output, $\pm 0.25\%$ FSO optional
<b>Overload/Burst Pressure</b>	<1,500 PSI @ 200%, <5,000 PSI @ 300%
<b>Load Resistance</b>	RL = $(U-10)/0.02(\Omega)$ (4~20mA current output), >20K $\Omega$ (voltage output)
<b>Long Term Stability</b>	$\pm 0.25\%$ FSO (typically per year)
<b>Response Time</b>	1 ms
<b>Storage Temperature</b>	-10 to 70 deg C (14 to 158 deg F)
<b>Operating Temperature</b>	-40 to 85 deg C (-40 to 185 deg F)
<b>Insulation Resistance</b>	>100 M $\Omega$ @ 50 VDC
<b>Reverse Polarity Protection</b>	Yes
<b>Electromagnetic Protection</b>	Yes
<b>Enclosure Rating</b>	IP65 for DIN 43650-A, IP66 for Cable Outlet / M12
<b>Housing</b>	1Cr18Ni9Ti
<b>Wetted Parts</b>	316L welded sensor
<b>Process Connections</b>	Tri-clamp 1.5" (50.5mm), 2.0" (64mm) and 2.5" (78mm)
<b>Operation Life</b>	1 million cycles, minimum
<b>Weight</b>	185 grams (0.4 pounds)

Tri-Clamp® is a registered trademark of Tri-Clover, Inc.

## Wiring Diagram



## Dimensions (mm)



27mm = 1.1"

91mm = 3.6"

## Order Codes

Range (PSI)	Proof-Pressure	4/20mA, 0.5% Accuracy 2" Tri-Clamp connection	
		DIN 43650 Electrical connection	Cable Outlet, 1m
-14.5-0 PSI (-1-0 BAR)	15.0	LST1101V5GT26S	LST1TR1V5GT26S
0-15 PSI (0-1 BAR)	30.0	LST1104P5GT26S	LST1TR4P5GT26S
0-30 PSI (0-2 BAR)	60.0	LST1106P5GT26S	LST1TR6P5GT26S
0-60 PSI (0-4 BAR)	120.0	LST1109P5GT26S	LST1TR9P5GT26S
0-100 PSI (0-6.9 BAR)	200.0	LST1102S5GT26S	LST1TR2S5GT26S
0-160 PSI (0-11 BAR)	320.0	LST1103S5GT26S	LST1TR3S5GT26S
0-200 PSI (0-13.8 BAR)	400.0	LST1104S5GT26S	LST1TR4S5GT26S
0-300 PSI (0-20.7 BAR)	600.0	LST1106S5GT26S	LST1TR6S5GT26S
0-500 PSI (0-34.5 BAR)	1000.0	LST1108S5GT26S	LST1TR8S5GT26S
0-725 PSI (0-50 BAR)	1450.0	LST1101T5GT26S	LST1TR1T5GT26S
0-1,000 PSI (0-70 BAR)	2000.0	LST1103T5GT26S	LST1TR3T5GT26S
0-1,500 PSI (0-100 BAR)	3000.0	LST1104T5GT26S	LST1TR4T5GT26S
0-2,000 PSI (0-150 BAR)	6000.0	LST1105T5GT26S	LST1TR5T5GT26S
0-3,000 PSI (0-200 BAR)	9000.0	LST1107T5GT26S	LST1TR7T5GT26S
0-4,000 PSI (0-300 BAR)	12000.0	LST1109T5GT26S	LST1TR9T5GT26S
0-5,000 PSI (0-350 BAR)	15000.0	LST1101U5GT26S	LST1TR1U5GT26S

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## Series Number (how to order)

### LST Engineering Codes

<b>OUTPUT</b>	4...20 mA, 2-wire 0...10 Vdc, 3-wire 1...5 Vdc, 3-wire 0...5 Vdc, 3-wire Other output type, specify
<b>ELECTRICAL CONNECTION</b>	DIN 43650 Type-A, IP65 Cable Outlet, PVC Shielded, 1 meter, IP66 M12, IP66 Other material, specify
<b>SERIES PRESSURE RANGE (PSI)</b>	-14.5-0 PSI (-1-0 BAR) 0-15 PSI (0-1 BAR) 0-30 PSI (0-2 BAR) 0-60 PSI (0-4 BAR) 0-100 PSI (0-6.9 BAR) 0-160 PSI (0-11 BAR) 0-200 PSI (0-13.8 BAR) 0-300 PSI (0-20.7 BAR) 0-500 PSI (0-34.5 BAR) 0-725 PSI (0-50 BAR) 0-1,000 PSI (0-70 BAR) 0-1,500 PSI (0-100 BAR) 0-2,000 PSI (0-150 BAR) 0-3,000 PSI (0-200 BAR) 0-4,000 PSI (0-300 BAR) 0-5,000 PSI (0-350 BAR) 0-6,000 PSI (0-400 BAR) 0-7,500 PSI (0-520 BAR) 0-9,000 PSI (0-600 BAR) 0-10,000 PSI (0-700 BAR) Other pressure range, specify
<b>ACCURACY</b>	0.5% Gauge pressure 0.25% Gauge pressure
<b>PROCESS CONNECTION</b>	1.5" (50.5mm) Tri-Clamp 2.0" (64mm) Tri-Clamp 2.5" (78mm) Tri-Clamp Other process connection, specify
<b>SEAL</b>	316L welded
<b>SPECIAL</b>	PSI pressure range (standard, no need to include) BAR pressure range Additional 6 ft (2m) PVC cable Additional 10 ft (3m) PVC cable Special

