

STP Series

SANITARY TRI-CLAMP PRESSURE TRANSMITTER



Description

Winters STP Sanitary Tri-Clamp® Pressure Transmitter is ideal for applications where sanitary conditions are of high priority (i.e. dairy, food processing, pharmaceutical, etc). This 3A approved transmitter is constructed of 316-grade welded stainless steel and is NEMA 4X rated. The STP has an excellent accuracy rating of $\pm 0.5\%$ full scale output. The STP is available with a 1½", 1" or 2" Tri-clamp® and has pressure ranges up to 2000" H₂O or standard ranges to 0-1000 psi.



STP Series

SANITARY TRI-CLAMP PRESSURE TRANSMITTER

How to order: Specify product code

PRODUCT CODES

Range*	Code:	
	1½" Tri-Clamp®	2" Tri-Clamp®
75" H2O	STLP1575	STLP2075
100" H2O	STLP15100	STLP20100
150" H2O	STLP15150	STLP20150
200" H2O	STLP15200	STLP20200
300" H2O	STLP15300	STLP20300
500" H2O	STLP15500	STLP20500
1000" H2O	STLP151000	STLP201000
1500" H2O	STLP151500	STLP201500
2000" H2O	STLP152000	STLP202000
0-3 psi	ST153	ST203
0-5 psi	ST155	ST205
0-7.5 psi	ST157	ST207
0-10 psi	ST1510	ST2010
0-15 psi	ST1515	ST2015
0-20 psi	ST1520	ST2020
0-30 psi	ST1530	ST2030
0-50 psi	ST1550	ST2050
0-75 psi	ST1575	ST2075
0-100psi	ST15100	ST20100
0-150 psi	ST15150	ST20150
0-200 psi	ST15200	ST20200
0-300 psi	ST15300	ST20300
0-500 psi	ST15500	ST20500
0-750 psi	ST15750	ST20750
0-1000 psi	ST151000	ST201000

* Calibrated in psi. Other ranges (e.g. kPa, bar, etc) available upon request
 Other ranges are available upon request
 Other outputs & options available

Specifications	
Electrical Output Signal:	4-20mA, 2 wire
Electrical Connector:	10 ft (3m) Belden 9536 flying wire
Excitation Voltage:	8-38 Vdc
Accuracy:	0.25% full scale
EMI/RFI Enclosure Rating:	Meets/exceeds CE standards
Zero/Span:	Optional
Wetted Parts/Connection:	316L stainless steel, 1 ½" & 2" Tri-clamp
Housing:	316L stainless steel
Enclosure Rating:	NEMA 4X (IP65)
Proof Pressure:	2X full scale
Burst Pressure:	5X full scale (max.3000 psi)
Normal Operating / Compensated Temperature Range:	40°F to 170°F (-40°C to -76°C)
Temperature Effect Range Zero/Span:	Less than ±1.5% FSO per (37.7°C)
Long Term Stability:	Less than 0.25% per annum
Weight:	4oz (113g)

Wire Lead

Wiring	Colour Code	V	mA
1	Red	+Excitation.	+Excitation/Signal
2	Black	-Excitation/Signal	-Excitation/Signal
3	Green	+Signal	NC
Grnd.	Shield	Gnd	Gnd

