

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" H O or standard ranges to 0-1000 psi.



Corporate Office: 121 Railside Road • Toronto • ON • M3A 1B2 • (416) 444-2345 • Fax: (416) 444-8979

U.S.A. Office: 600 Ensminger Road • Buffalo • NY • 14150 • (716) 874-8700 • Fax: (716) 874-8800

www.winters.com • 1-800-WINTERS (946-8377)

STP Series

SANITARY TRI-CLAMP PRESSURE TRANSMITTER

**How to order: Specify product code
PRODUCT CODES**

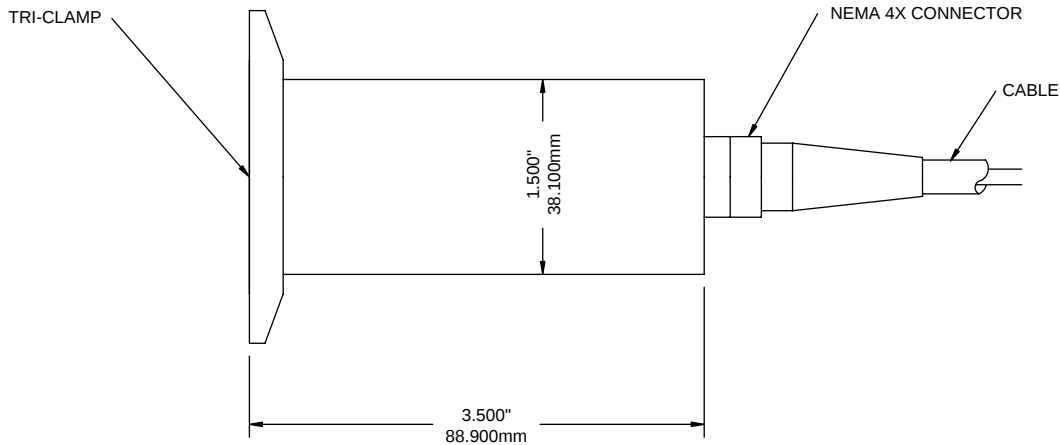
Range*	Code: 1½" Tri-Clamp®	Code: 2" Tri-Clamp®
75"H ₂ O	STLP1575	STLP2075
100"H ₂ O	STLP15100	STLP20100
150"H ₂ O	STLP15150	STLP20150
200"H ₂ O	STLP15200	STLP20200
300"H ₂ O	STLP15300	STLP20300
500"H ₂ O	STLP15500	STLP20500
1000" H ₂ O	STLP151000	STLP201000
1500" H ₂ O	STLP151500	STLP201500
2000" H ₂ O	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, 0-5Vdc (Other outputs available)
Electrical Connector:	10 ft (3m) Belden 9536 flying wire
Excitation Voltage:	8-38 Vdc
Accuracy:	0.25% full scale
EMI/RFI Protection:	Meets/exceeds CE standards
Zero/Span:	Optional
Wetted Parts/Connection:	316L stainless steel, 1 ½" & 2" Tri-clamp (other connections available)
Housing:	316L stainless steel
Protection:	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



© Tri-Clamp is a registered trademark of Tri-Clover



Corporate Office: 121 Railside Road • Toronto • ON • M3A 1B2 • (416) 444-2345 • Fax: (416) 444-8979

U.S.A. Office: 600 Ensminger Road • Buffalo • NY • 14150 • (716) 874-8700 • Fax: (716) 874-8800

www.winters.com • 1-800-WINTERS (946-8377)

12/02