

SP 10T



The SP 10T pressure transmitter is designed to monitor the compressed air pressure in a pulse-jet dust collector supply line header tank.

Technical Data

General Data

Standard Pressure Range	0 to 150PSI (0 to 10.3bar)
Process Connection	1/2IN NPT
Wetted Material	316L Stainless Steel
Cable Length	10FT (3m)

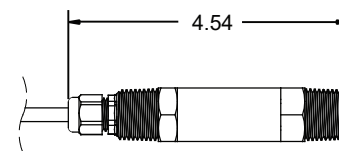
Performance @ 77F (25C)

Accuracy*	< ±0.5% BFSL
Stability (1 year)	±0.25% FS, typical
Over Range Protection	2X Rated Pressure
Burst Pressure	5X or 20000 PSI (whichever is less)
Pressure Cycles	> 100 Million

* Accuracy includes non-linearity, hysteresis & non-repeatability

Electrical Data

Output	4-20mA
Excitation	10-28VDC
Output Impedance	>10k Ohms
Current Consumption:	20mA, typical
Bandwidth	(-3dB): DC to 250 Hz
Output Noise:	-
Zero Offset:	<±1% of FS
Span Tolerance:	<±1.5% of FS
Output Load:	0-800 Ohms@10-28VDC
Reverse Polarity Protection	Yes



Environmental Data

Temperature	
Operating	-40 to 185F (-40 to 85C)
Storage	-40 to 212F (-40 to 100C)
Thermal Limits	
Compensated Range	32 to 132F (0 to 55C)
TC Zero	<±1.5% of FS
TC Span	<±1.5% of FS
Other	
Shock	EN 60068-2-27
Vibration	EN 60068-2-6, EN 60068-2-64, and IEC 68-2-32
EML/RFI Protection	Yes
Rating:	IP-66 (housing only)