SUBMERSIBLE PRESSURE TRANSMITTER WITH DEBRIS STANDOFF

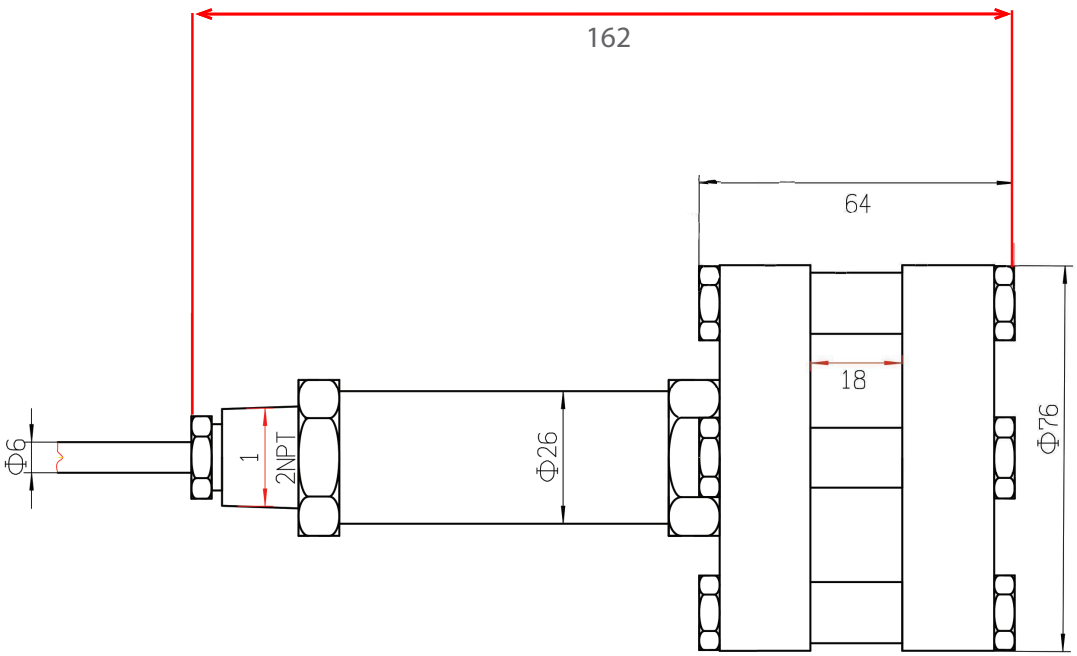
SPT-82

SPECIAL FEATURES



- Flush diaphragm transducer with debris avoidance standoff
- Industry-standard 4-20mA (2 wire) output
- Pressure ranges 0-5, 0-7.5, 0-10 and 0-15 PSIG
- Accuracy of 0.5%
- Long-term stability
- 316SS housing with 316SS diaphragm
- ETFE Cable (Ethylene Tetrafluoroethylene)
- EMI/RFI and reverse polarity protection
- Compatible with wide range of chemicals
- Rugged design for harsh waste water environments
- Suitable for waste, salt, brackish, or fresh water systems

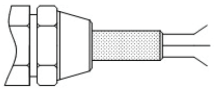
DIMENSIONS



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SPT-82

INSTALLATION & WIRING

Signal	Function	Color	Code	Electric connector type
1) 0-5V; 0-10V 0.5-4.5V	Supply V+ Com Output+	Red Black While	1 2 3	
2) 4-20mA	Supply V + Output +	Red Black	1 2	

SPECIFICATIONS

Performance @ 25°C (77°F)

Accuracy	± 0.5% FS (includes non-linearity, hysteresis, and non-repeatability) <±0.2%
Stability	FS/year, typical
Thermal Error	1% FS
Over pressure protection	1.5X Rated Pressure
Burst Pressure	3X minimum
Pressure Cycles	>4 Million

Environmental Data

Operating temp	-40 to 85°C (-40 to +185°F)
Compensated range	-10 to 70°C (14 to 158°F)

Electrical Data

Excitation	8-30Vdc
Loop resistance @ 24 Vdc	≤ 800 Ohm
Load resistance @24 Vdc	>= 3KΩ
Zero offset	<±1.0% of FS
Span tolerance	<±1.0% of FS

Physical data

Diaphragm material	316SS
Body material	316SS
Cable Pull Strength	280lb
Pressure Connection	Flush Diaphragm with Debris Standoff
Electrical Connection	Molded, vented submersible cable (ETFE outer jacket)
Rating	IP68

HOW TO ORDER

Series	Output	Pressure Type	Pressure Range	Pressure Connection	Electrical Connection	Cable Length	Accuracy
SPT-82	A	G	0050	30	C	50	3
SPT-82 = All 316 stainless steel	A= 4-20mA (2 wire)* *	G = Gauge	0025= 0-2.5psi (69"WC) 0050= 0-5 psi (138"WC) 0100= 0-10 psi (277"WC) 0150= 0-15 psi (415"WC) 0200= 0-20 psi (554"WC) 0250= 0-25 psi (692"WC) 0500= 0-50 psi (1380"WC) (There is an implied decimal point between the 3rd and 4th number ex. 0025 = 002.5) **	30= Debris Avoidance Standof	C= Cable	25 = 25 ft (7.62m) 50 = 50 ft (15.24m) 75 = 75ft (22.86m) 100 = 100 ft (30.48m) **	3= 0.5% **

****= Consult factory for further options.**