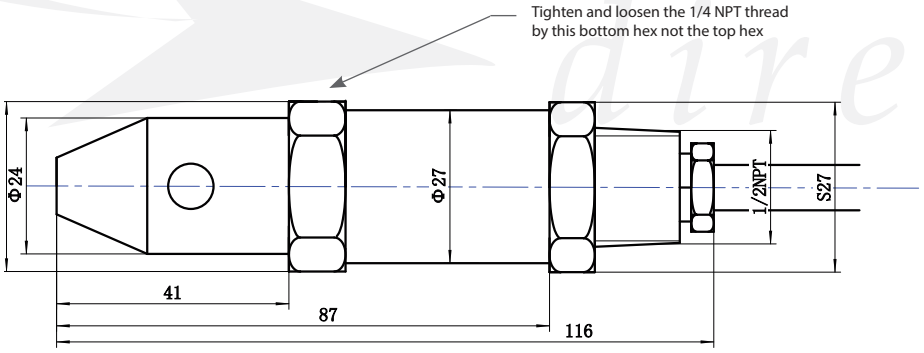
Introducing the Low Cost TDH80 series Submersible Pressure Transducer.

FEATURES

- Advanced piezoresistance technology
- All stainless steel construction
- Industry-standard 4-20mA output
- Pressure ranges 0-2.5, 0-10 and 0-15 PSIG (custom ranges available)
- Accuracy of 0.5%
- Long-term stability
- Nose cone or 1/4 NPT thread available

DIMENSIONS



Dimensions are for reference only.

INSTALLATION & WIRING

Output: 4-20mA

Function	Color
Supply +	Green
Output +	White

SPECIFICATIONS

Performance @ 25°C (77°F)

Accuracy	± 0.5% FS (includes non-linearity, hysteresis and non-repeatability)
Stability	<±0.2% 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	-20 to +80°C (-40 to +176°F)
Compensated range	-10 to 75°C (+14 to +167°F)

Electrical Data

Excitation	12-36 Vdc
Loop resistance @ 24 Vdc:	≤ 750 Ohm
Zero offset	<±1.0% of FS
Span tolerance	<±1.0% of FS

Physical data

Diaphragm material	316SS
Sealing material	Fluoro Rubber
Body material	316SS
Cable pull strength	300 lb.
Pressure connection	Bullet-Nose, 1/4" NPT
Electrical Connection	Molded, vented submersible cable (Polyethylene outer jacket)

ORDERING

Series	Output	Pressure Type	Pressure Range	Pressure Connection	Electrical Connection	Cable Length	Accuracy
TDH80	B	G	0050	00	C	025	3
TDH80 = 316 stainless steel	I B= 4-20mA	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) **	00= Nose Cone 03= 1/4" NPT Male **	C= Cable	005= 5 meter (16.4 ft) 010= 10 meter (32.8 ft) 015= 15 meter (49.2 ft) 020= 20 meter (65.6 ft) 025= 25 meter (82 ft) 030= 30 meter (98.4) **	3= 0.5% **

**= Consult factory for further options.