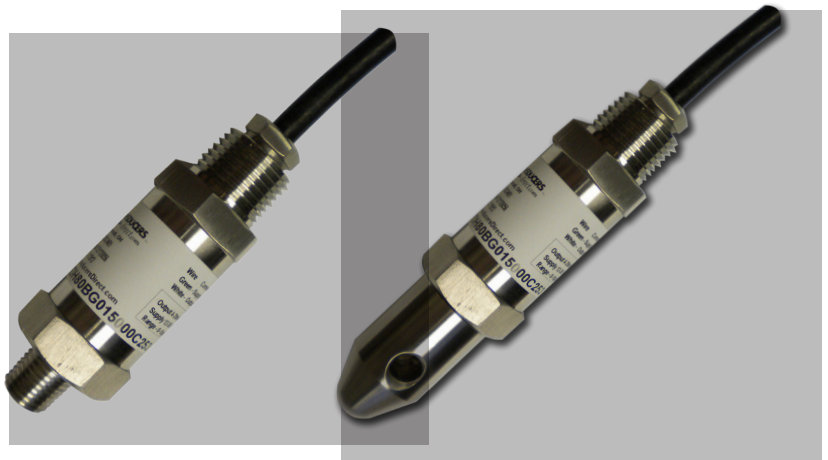


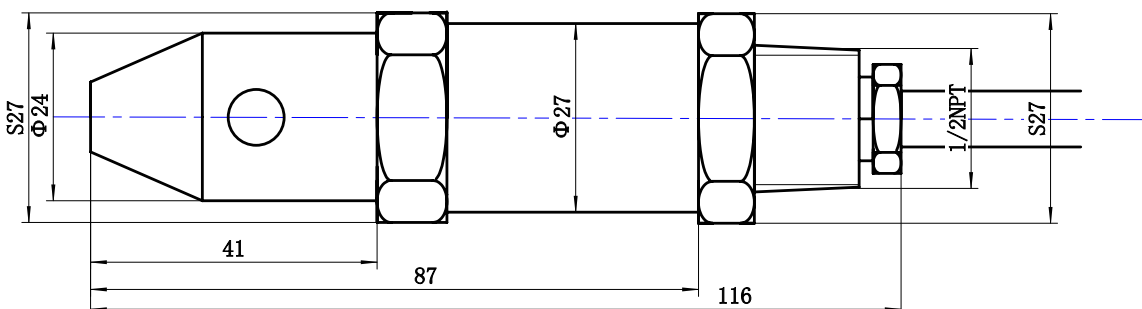
## Introducing the Low Cost TDH80 series Submersible Pressure Transducer.



### 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 NPT thread available

### DIMENSIONS



## INSTALLATION & WIRING

### Output: 4-20mA

Function	Color
Supply +	Green
Output +	White

## SPECIFICATIONS

### Performance @ 25°C (77°F)

Accuracy	± 0.5% FS
Stability	<±0.2% FS/year, typical
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)

direct

## ORDERING

Series	Output	Pressure Type	Pressure Range	Pressure Connection	Electrical Connection	Cable Length	Accuracy
TDH80	B	G	0050	00	C	20	3
TDH80 = 316 stainless steel	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	05 = 5 meter (16.4 ft) 10 = 10 meter (32.8 ft) 15 = 15 meter (49.2 ft) 20 = 20 meter (65.6 ft) 25 = 25 meter (82 ft ) 30 = 30 meter (98.4 ft) **	3= 0.5% **

\*\*= Consult factory for further options.