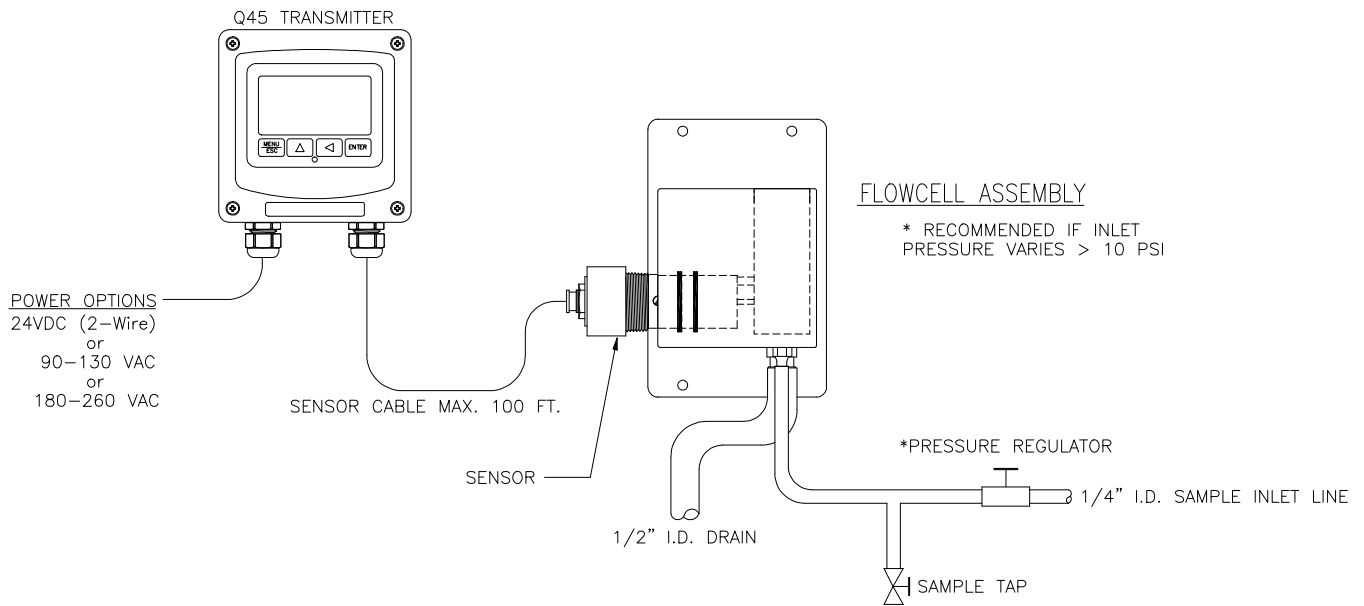
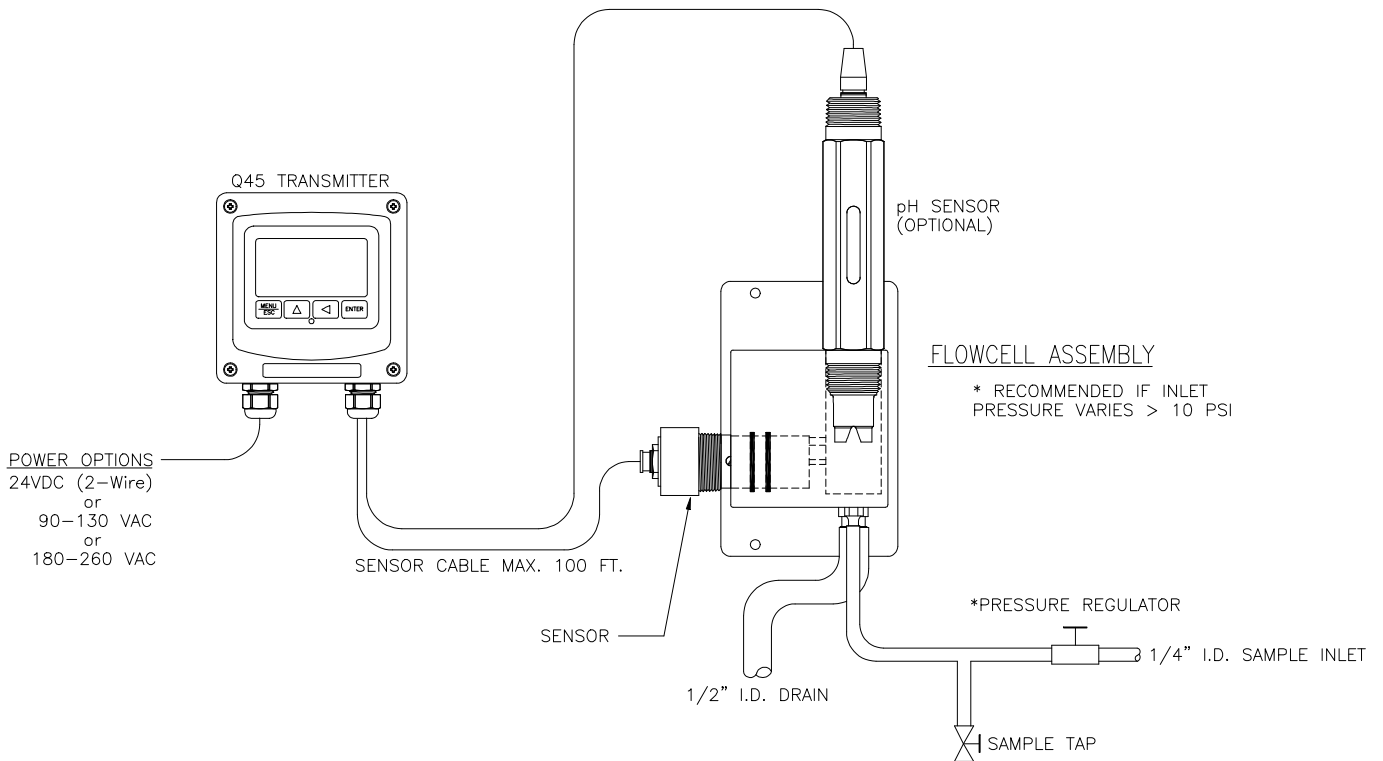


**STANDARD SYSTEM DIAGRAM**



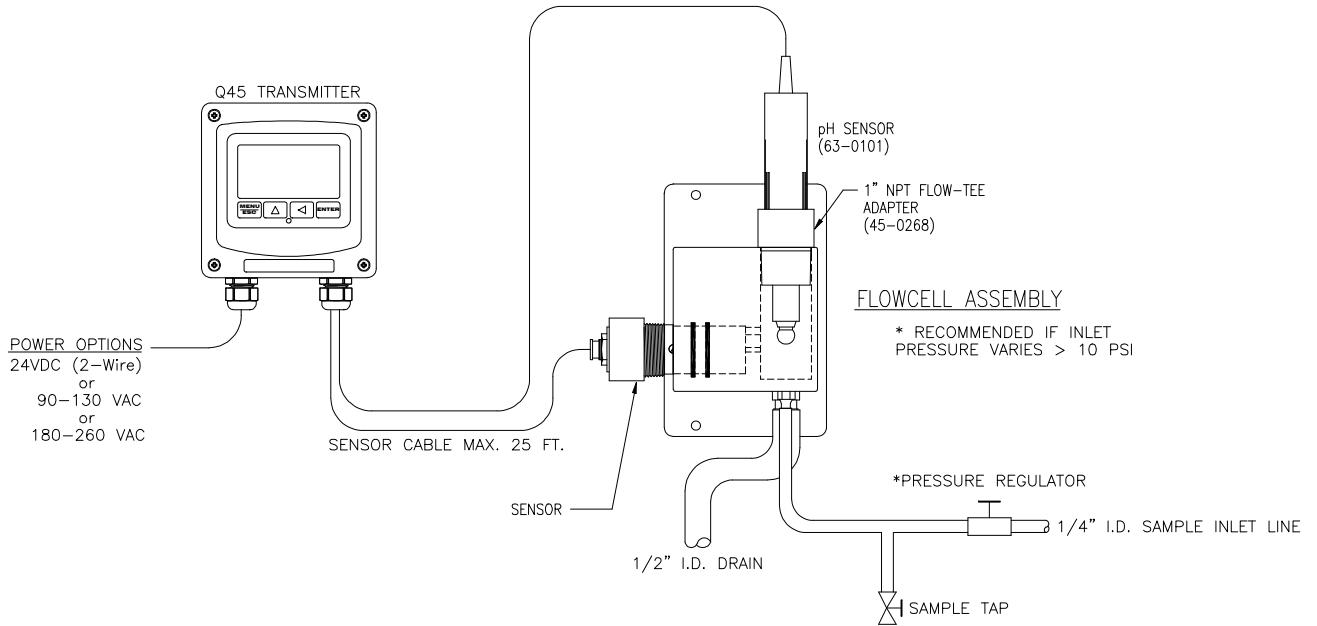
ATI-0730

**SYSTEM DIAGRAM w/OPTIONAL pH SENSOR**



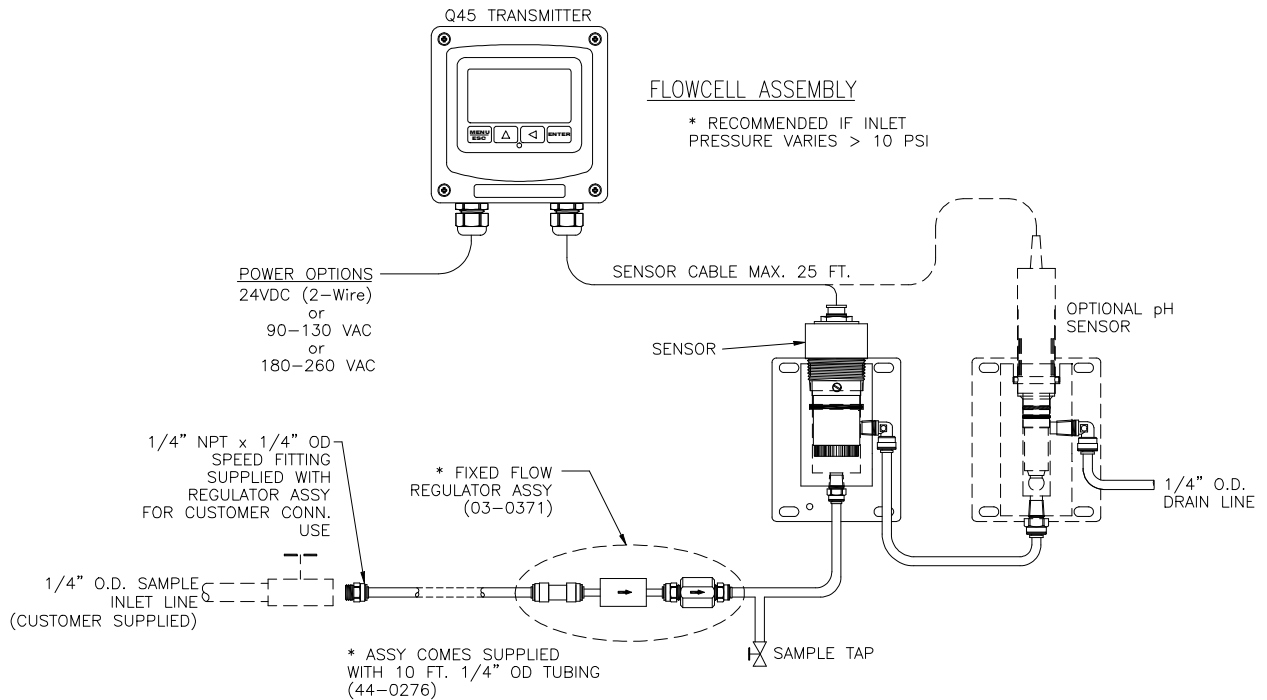
ATI-0648

**SYSTEM DIAGRAM w/OPTIONAL pH (BAYONET STYLE) PROBE**



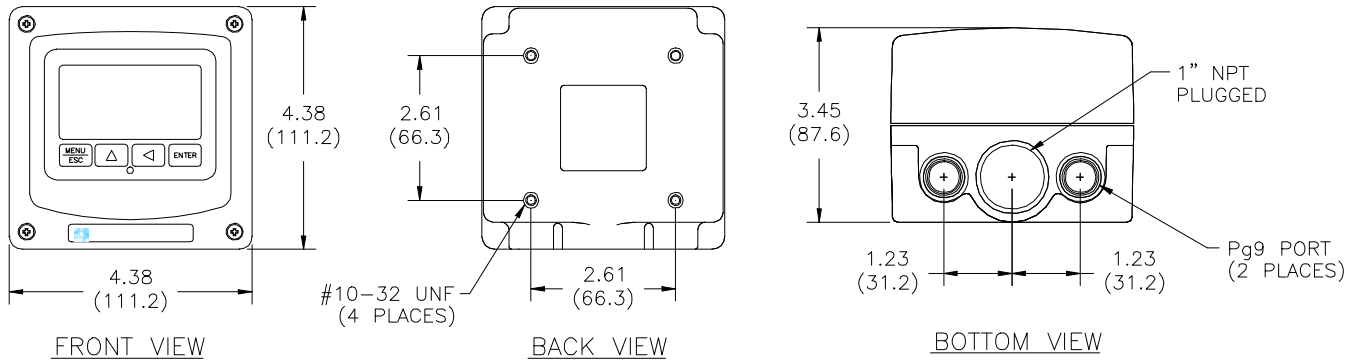
ATI-0863

**SYSTEM DIAGRAM W/SEALED FLOWCELLS**



ATI-0891

**2-WIRE VERSION (or BATTERY POWERED)**

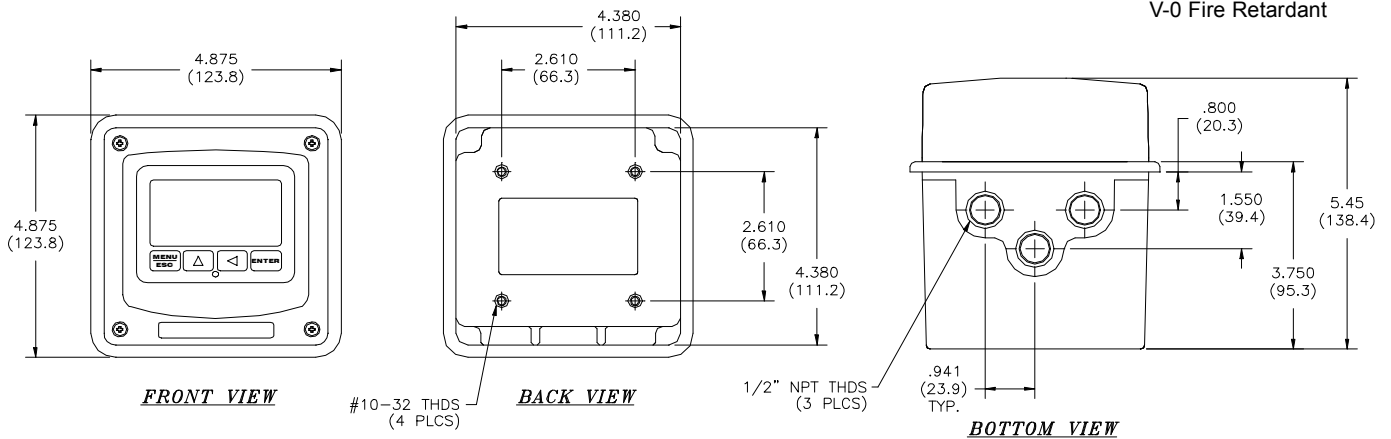


ATI-0655

**NOTE: JUNCTION BOXES HAVE SAME DIMENSIONS AS 2-WIRE TRANSMITTER**

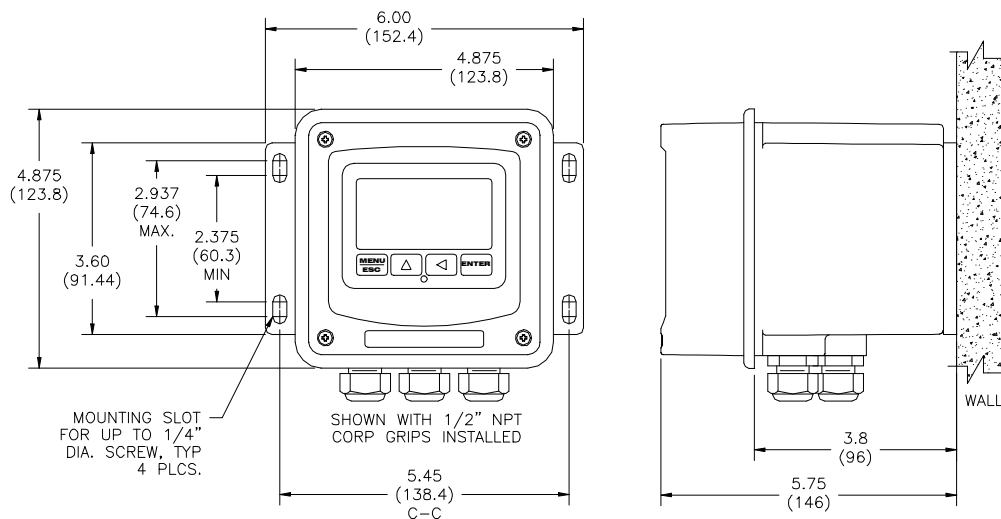
**AC POWERED VERSION**

Material: Polycarbonate  
 Ratings: Nema 4X (IP-66)  
 V-0 Fire Retardant



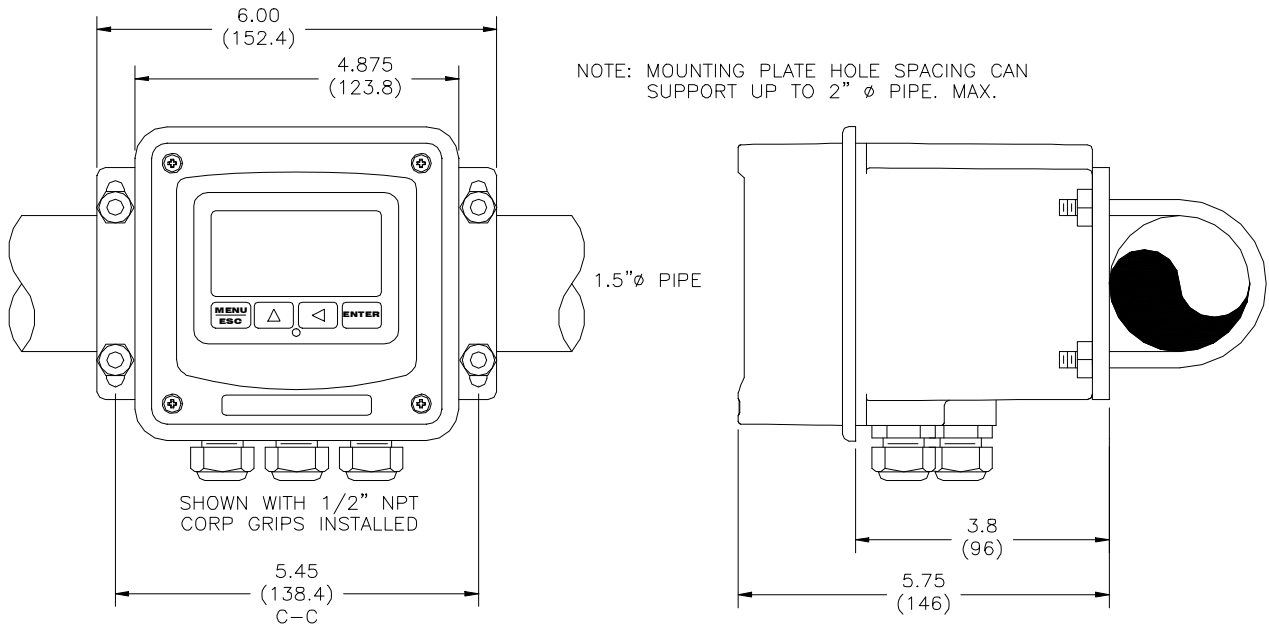
ATI-0706

**WALL MOUNTING**



ATI-0709

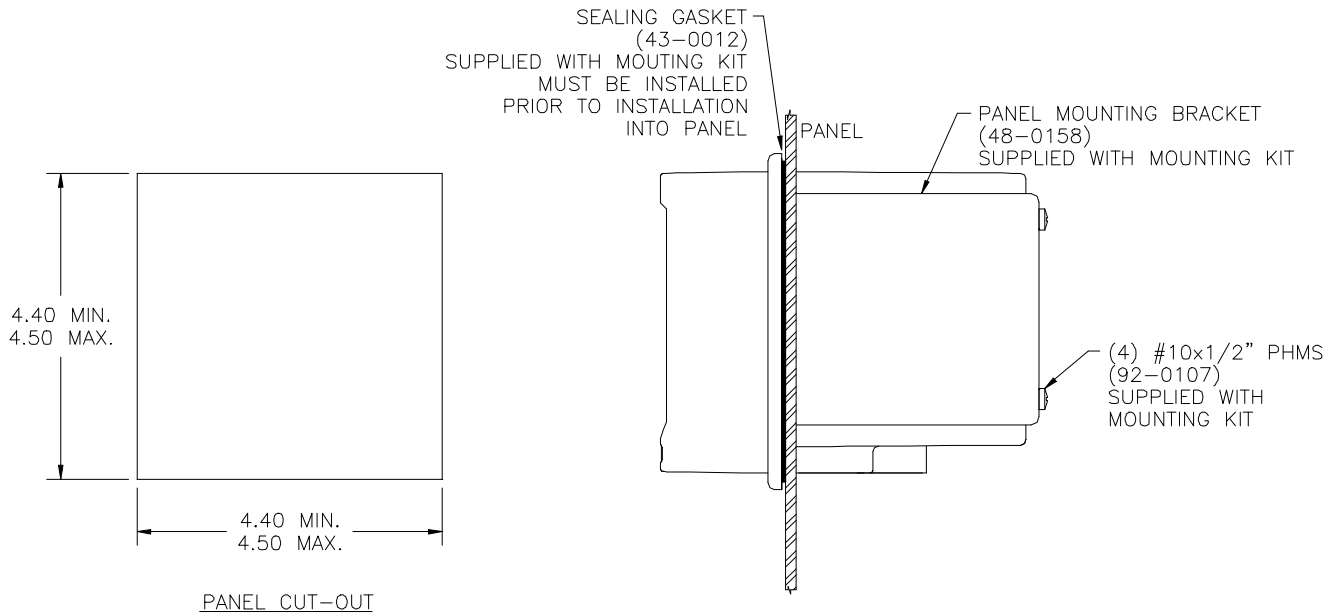
**PIPE MOUNTING**



NOTE: PLATE MAY BE TURNED 90° FOR VERTICAL PIPE MOUNTING

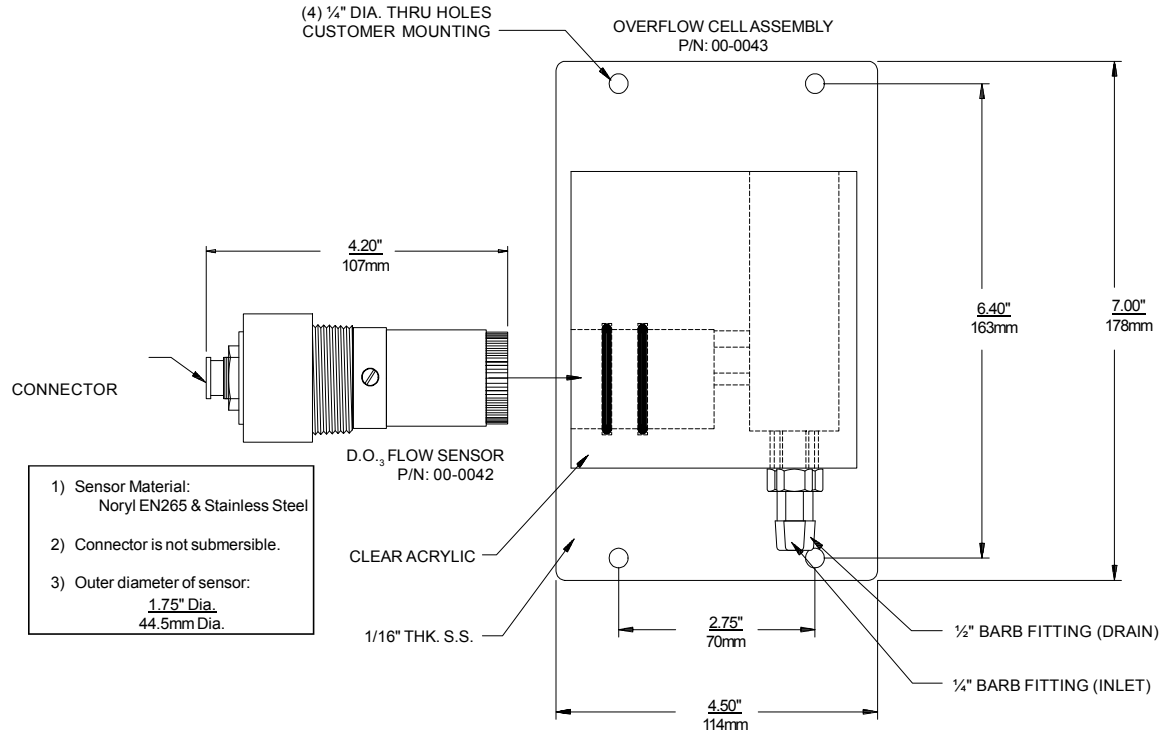
ATI-0710

**PANEL MOUNTING - AC UNITS**



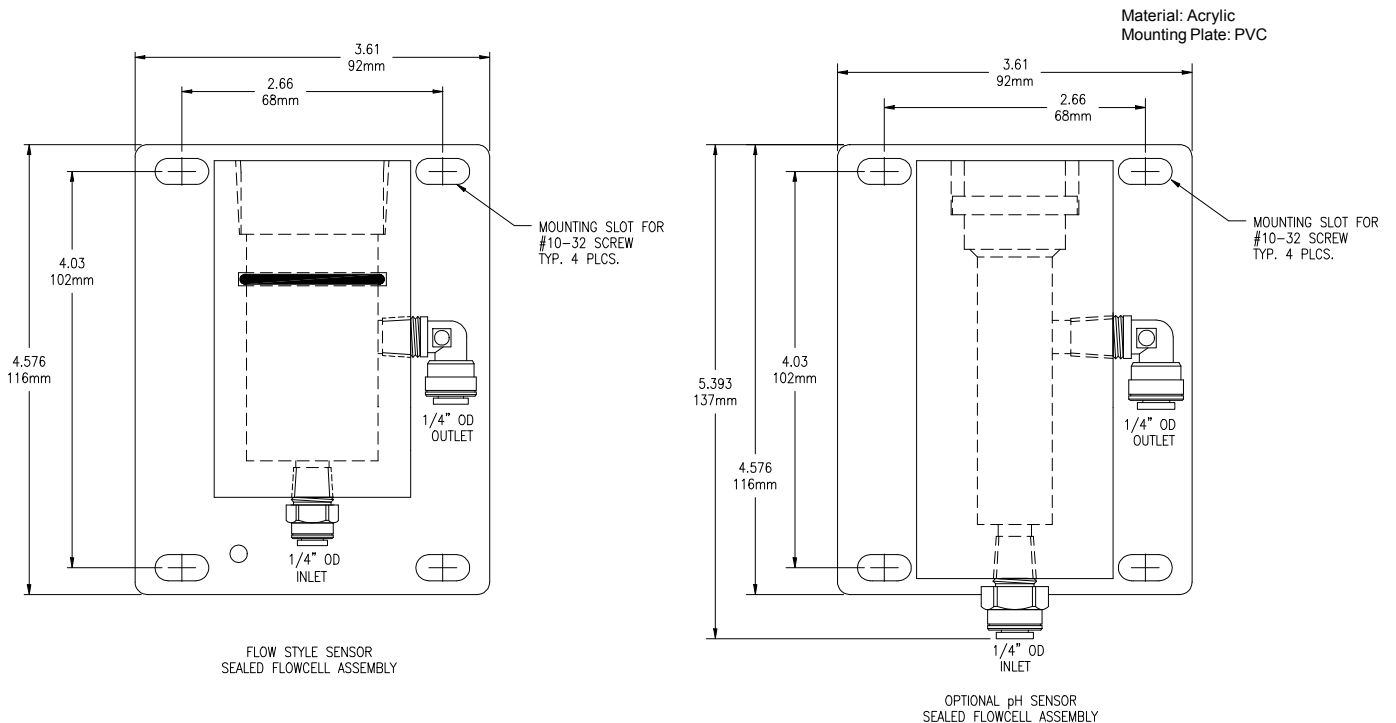
ATI-0711

**FLOW SENSOR DIMENSIONS & OVERFLOW CELL INSTALLATION**

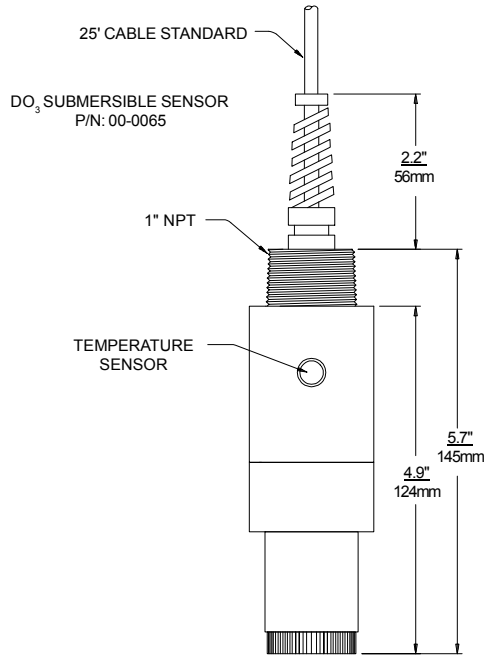


ATI-0196

**SEALED FLOWCELL ASSEMBLY DIMENSIONS**

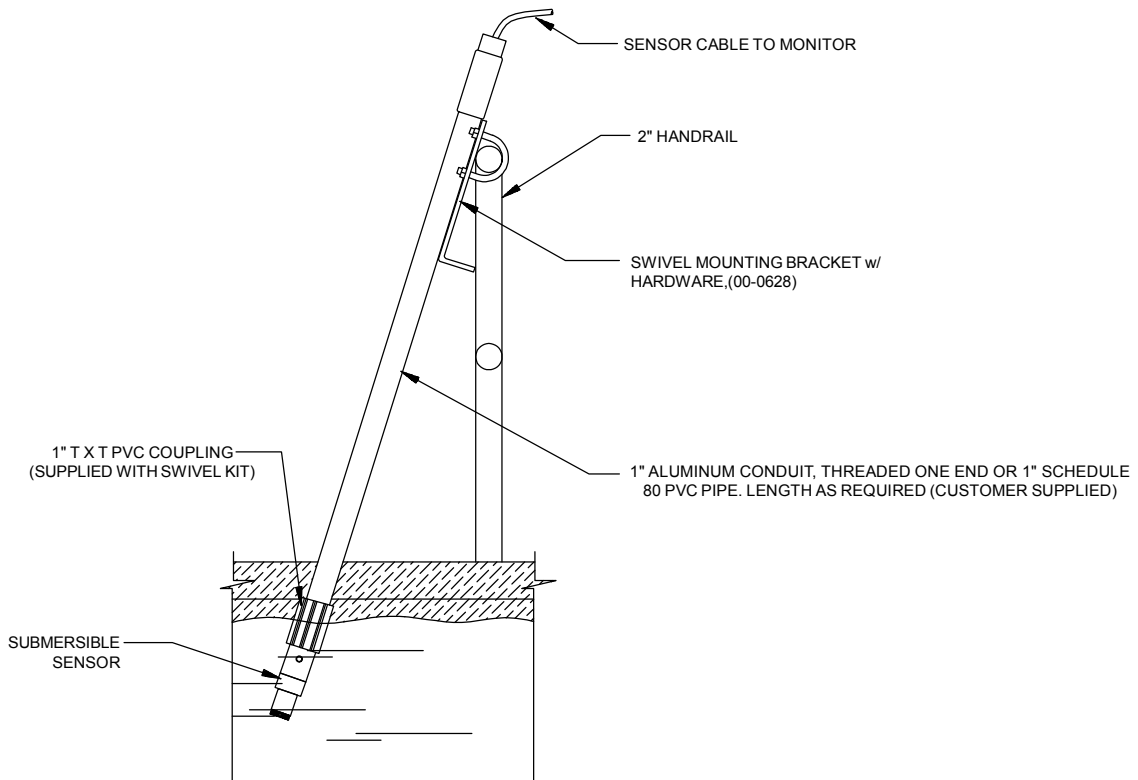


**SUBMERSIBLE SENSOR DIMENSIONS**



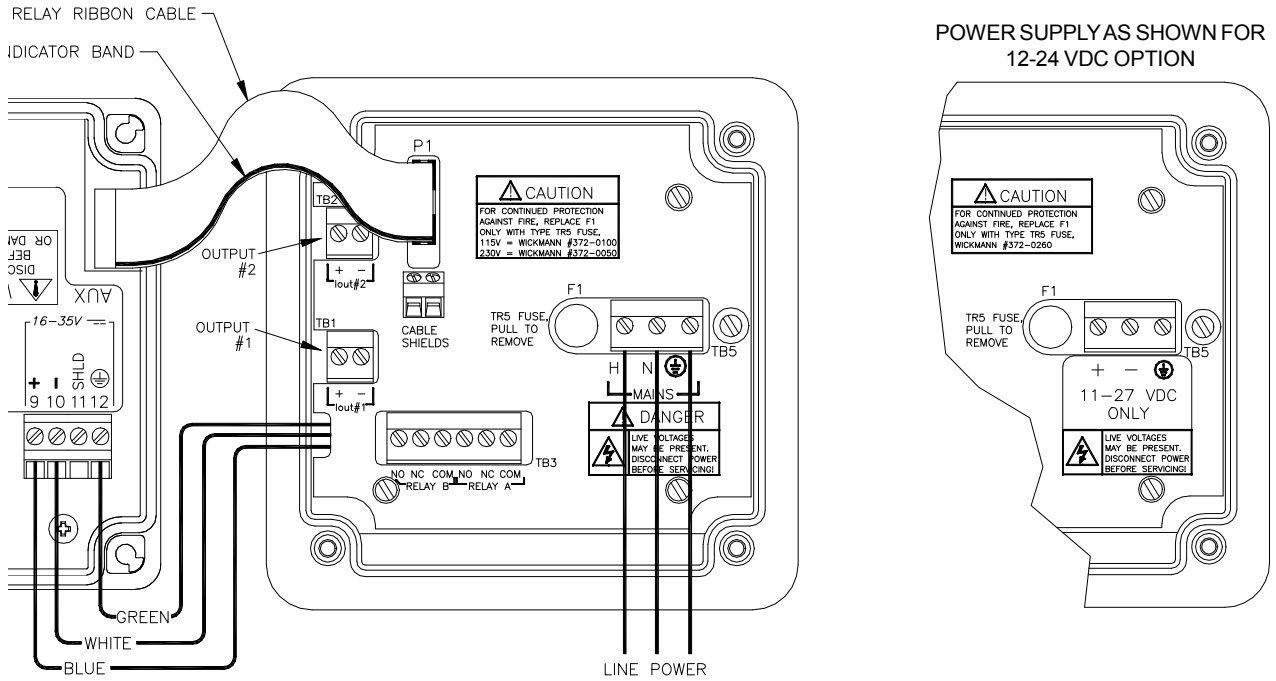
ATI-004

**SUBMERSIBLE SENSOR INSTALLATION**

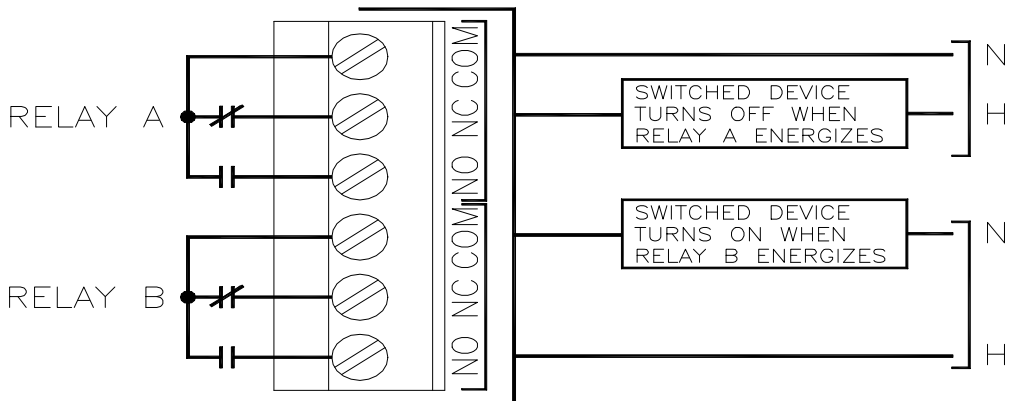


ATI-0155

**POWER, RELAY, AND OUTPUT CONNECTIONS**

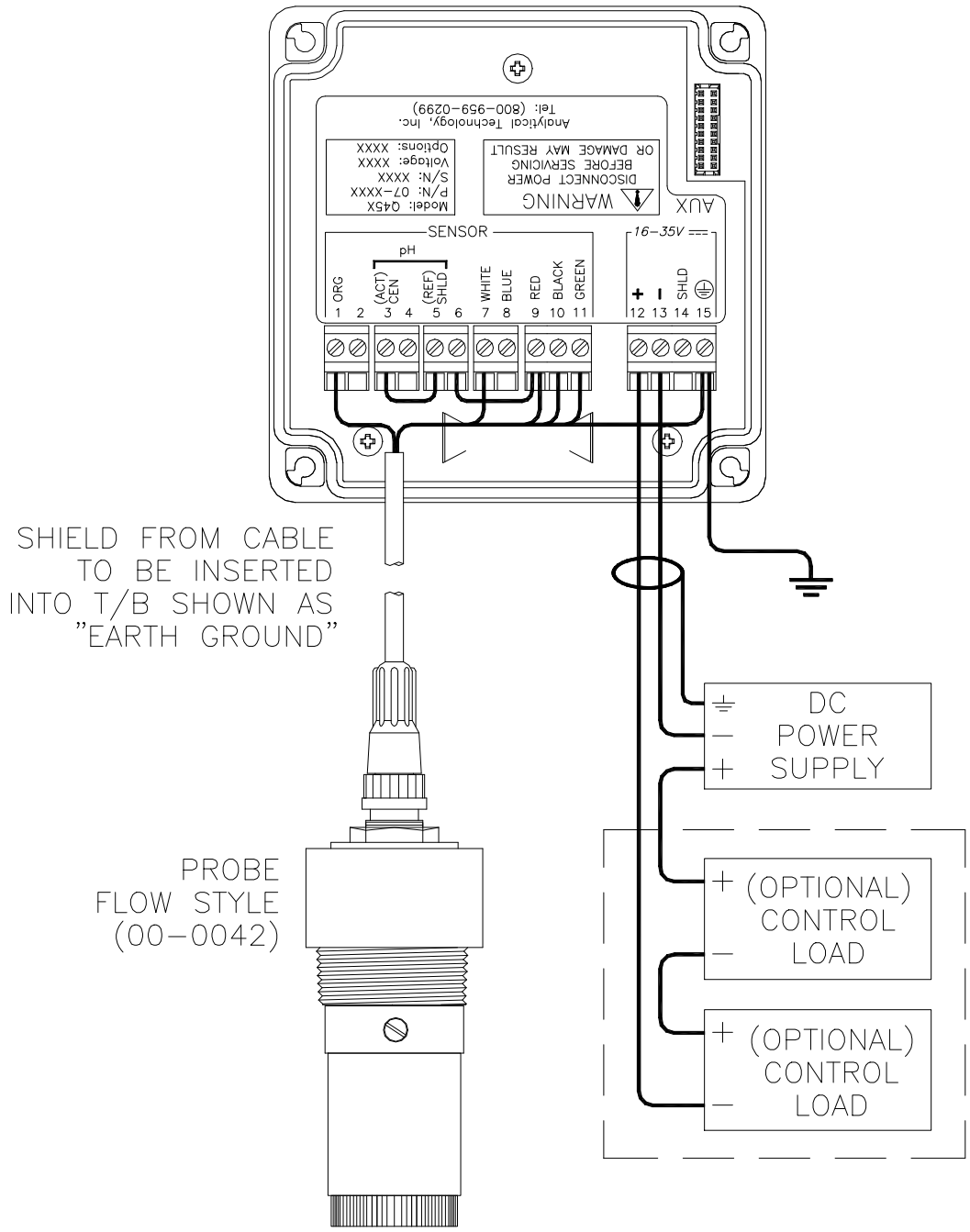


**RELAY WIRING TB3 DETAIL**



**NOTE: DEVICE EXTERNAL WIRING ARE TYPICAL EXAMPLES. RELAY CONTACTS SHOWN IN NORMAL MODE.**

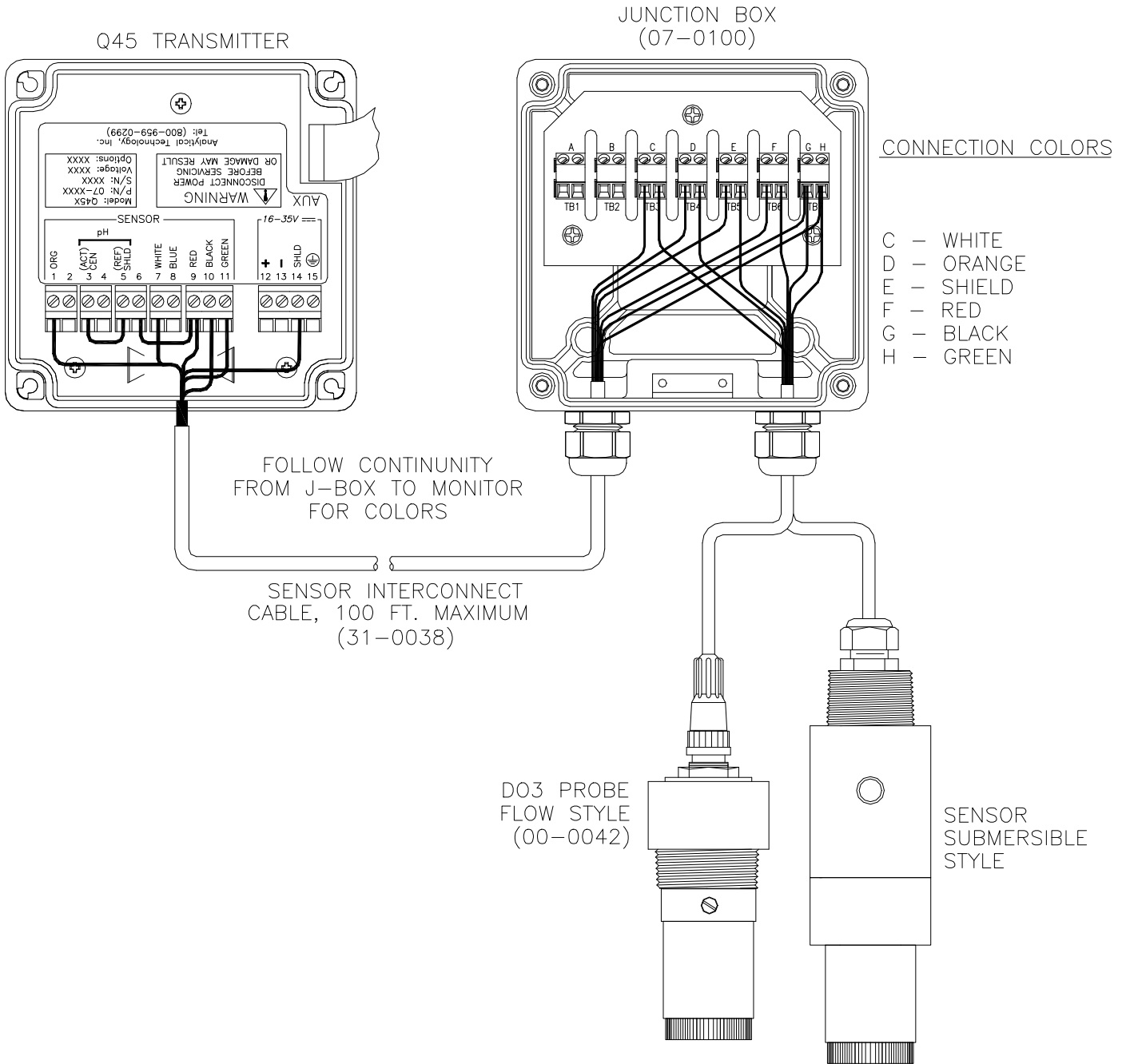
**ELECTRICAL CONNECTIONS - 2-WIRE TRANSMITTER**



- NOTES:** 1. Voltage between Terminals 12 & 13 MUST be between 16 & 35 VDC.  
 2. Earth ground into Terminal 15 is HIGHLY recommended. This connection can greatly improve stability in electrically noisy environments.

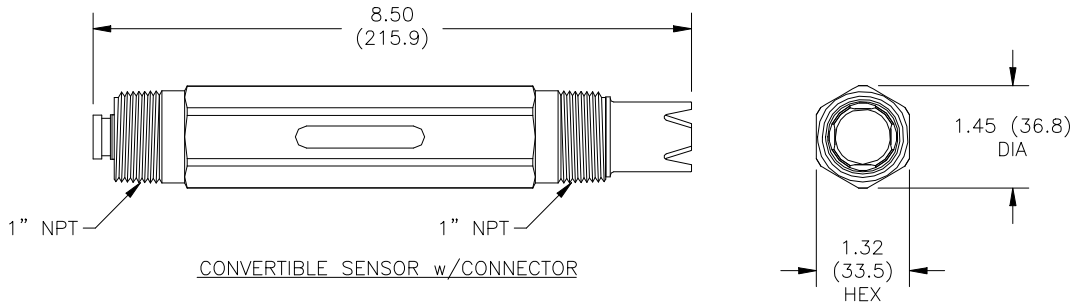


**SENSOR CONNECTIONS - REMOTE JUNCTION BOX**

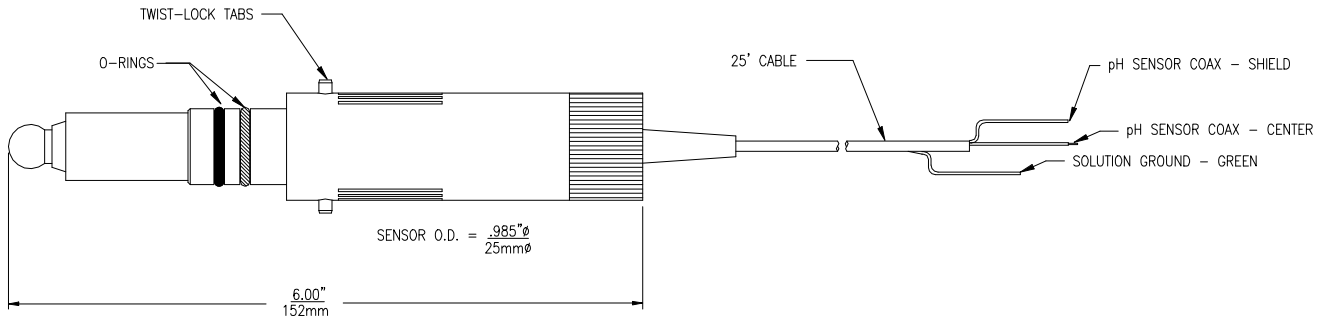


ATI-0731

**OPTIONAL pH SENSOR DIMENSIONS**

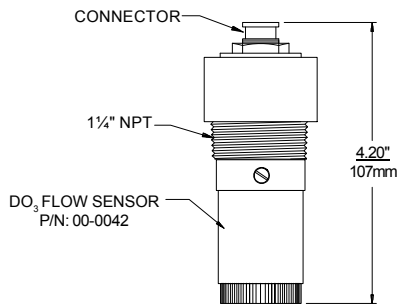


**OPTIONAL pH SENSOR (BAYONET STYLE) DIMENSIONS**

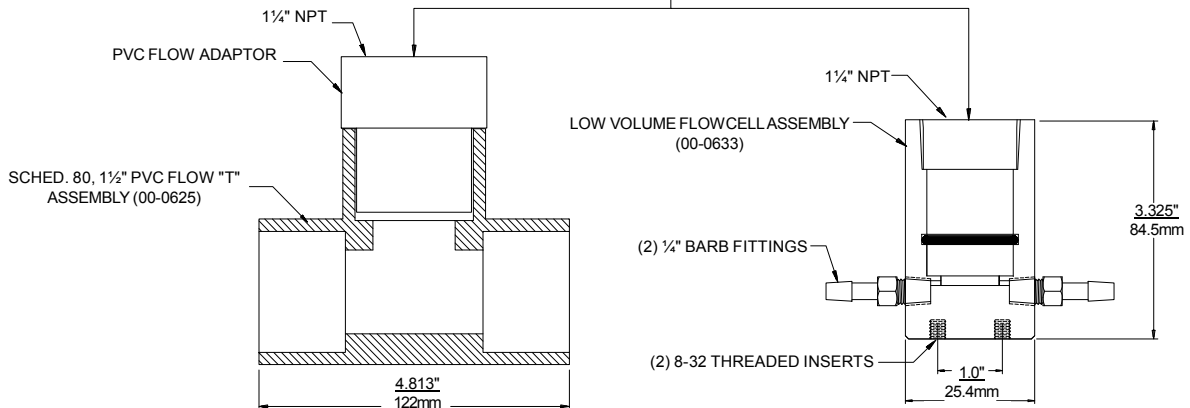


**SPECIAL APPLICATION FLOWCELLS (CONSULT FACTORY)**

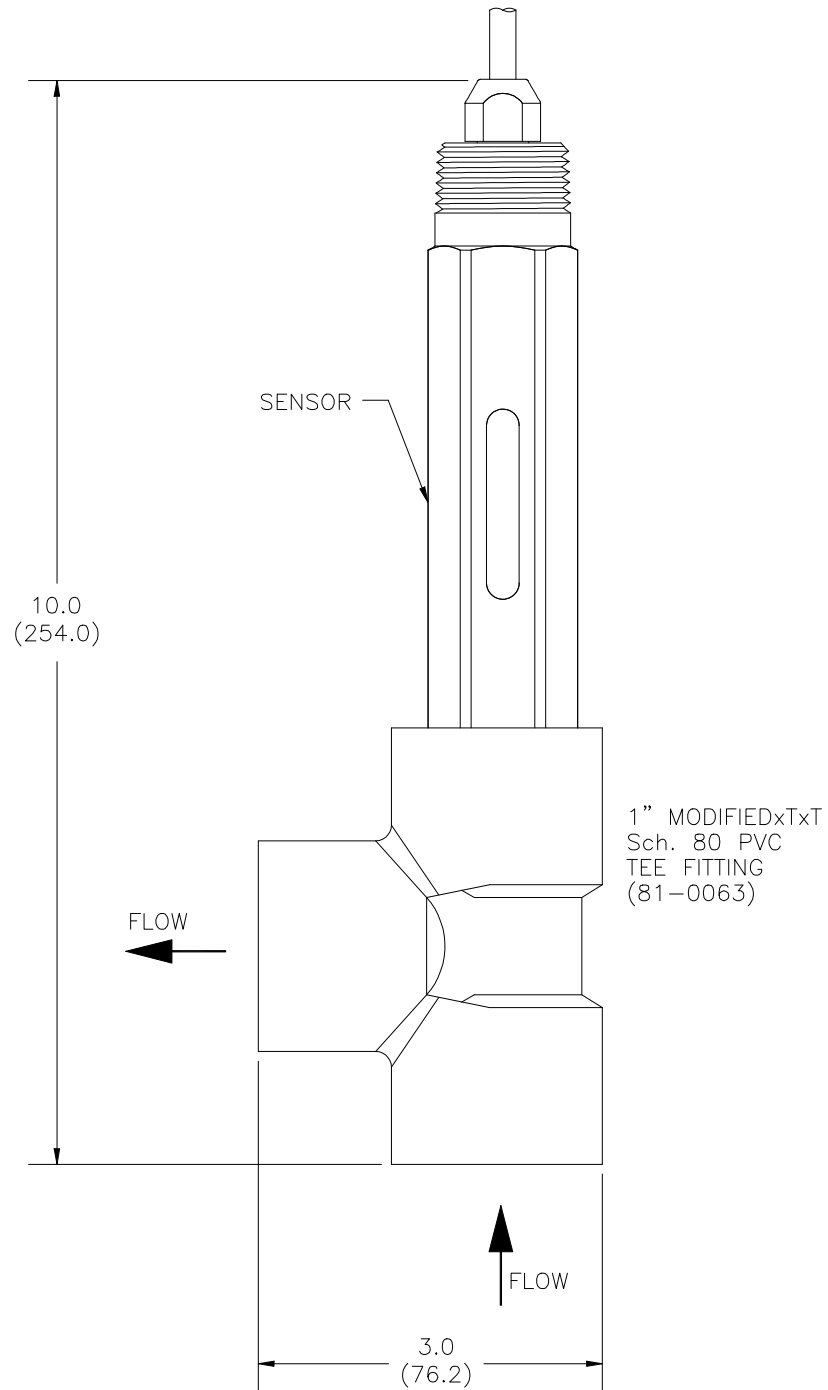
- 1) Sensor Material: Noryl EN265 & Stainless Steel
- 2) Connector is not submersible.
- 3) Outer diameter of sensor: 1.75" Dia. 44.5mm Dia.



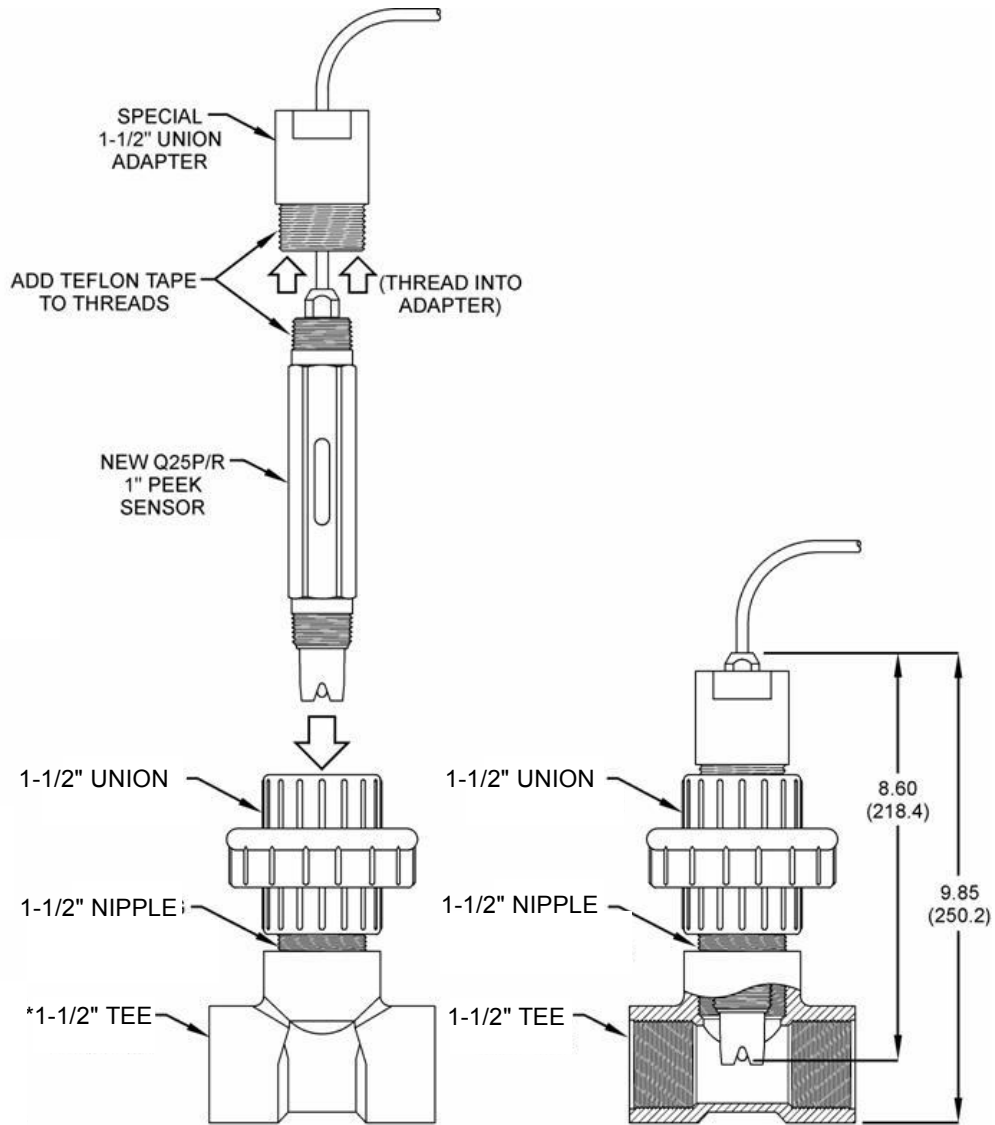
- Flow "T":
- 1) Max. 50 PSI for Flow "T" operation.
  - 2) Use Teflon tape to seal In-Line Sensor.
- Low Volume Flowcell:
- 1) Material: Clear Acrylic



**SPECIAL APPLICATION FLOWCELL (CONSULT FACTORY)**

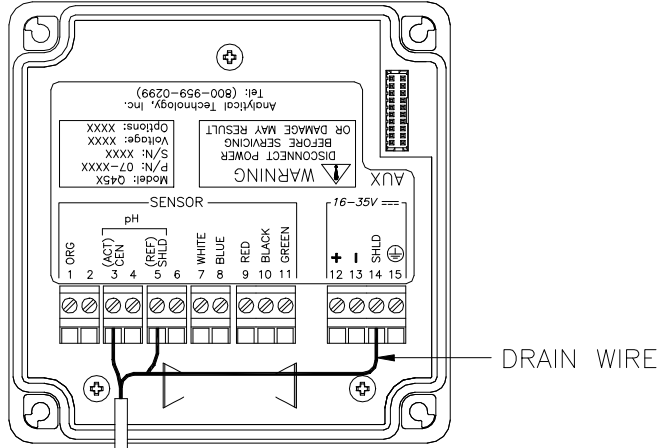


ATI-0727

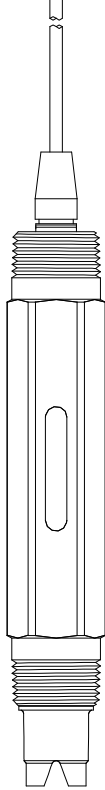
**SPECIAL APPLICATION FLOWCELL (CONSULT FACTORY)**

\* 1-1/2" TEE Fitting not supplied with P/N (07-0221). Tee Fitting must be ordered Separately

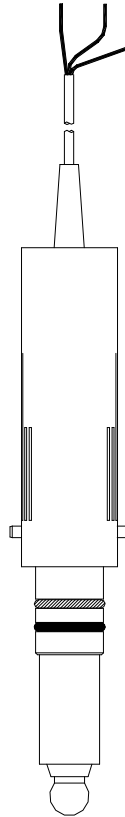
**OPTIONAL pH SENSOR CONNECTIONS**



(07-0096) SENSOR CONNECTIONS  
 RED - 3  
 BLACK - 5  
 SHIELD - 14



(63-0101) SENSOR CONNECTIONS  
 3 - CENTER COND.  
 5 - SHIELD (BRAID)  
 7 - GREEN



ATI-0660

**SENSOR CONNECTIONS - DO<sub>3</sub> / pH WITH JUNCTION BOX**

**(63-0101) Bayonet Style pH Probe CANNOT be used in a remote application**

