STANDARD SYSTEM

SYSTEM w/Q22 pH SENSOR

ATI-0730

ATI-0648
SYSTEM w/Q22 pH (BAYONET STYLE) PROBE

SYSTEM w/SEALED FLOWCELLS
2-WIRE VERSION or REMOTE DC MODELS

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

INTERNAL BATTERY MODEL

ATI-0655

ATI-0688
WALL MOUNTING

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

PIECE MOUNTING

NOTE: MOUNTING PLATE HOLE SPACING CAN SUPPORT UP TO 2" Ø PIPE, MAX.
INTERNAL BATTERY CONFIGURATION
**FLOW SENSOR DIMENSIONS & OVERFLOW CELL INSTALLATION**

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

**OVERFLOW CELL ASSEMBLY**
P/N: 00-0043

**ATI-0196**

**Cl2 SEALED FLOWCELL ASSEMBLY**
(00-1522)

**pH SEALED FLOWCELL ASSEMBLY**
(00-1527)
**Sensor Dimensions and Installation**

### Submersible Sensor Dimensions

![Diagram of Submersible Sensor Dimensions]

- **ATI-004**

### Submersible Sensor Installation

![Diagram of Submersible Sensor Installation]

- **ATI-0155**
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

FOLLOW CONTINUITY FROM J-BOX TO MONITOR FOR COLORS

SENSOR INTERCONNECT CABLE (31-0038)

JUNCTION BOX (Q7-0100)

CONNECTION COLORS
C - WHITE
D - ORANGE
E - SHIELD
F - RED
G - BLACK
H - GREEN

045 TRANSMITTER

SENSOR FLOW STYLE
SENSOR SUBMERSIBLE STYLE

ATI-0714
Q22 pH SENSOR DIMENSIONS

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

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.
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

DRAIN WIRE

ATI-0660
(63-0101) Bayonet Style pH Probe **CANNOT** be used in a remote application