SYSTEM DIAGRAM w/SEALED FLOWCELLS

ATI-0924
ANALYZER DIMENSIONS (WALL MOUNT SHOWN)

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

JUNCTION BOX

FRONT VIEW

BACK VIEW

BOTTOM VIEW

ATI-0655
**FLOW SENSOR DIMENSIONS & OVERFLOW CELL INSTALLATION**

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

**CI₂ SEALED FLOWCELL ASSEMBLY**
(PN: 00-1522)

- Material: Acrylic
- Mounting Plate: PVC

**pH SEALED FLOWCELL ASSEMBLY**
(PN: 00-1527)

- Material: Acrylic
- Mounting Plate: PVC


**Model Q46H-62 / 63 Chlorine Monitor**

**Sensor Dimensional & Wiring**

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### (07-0096) pH SENSOR DIMENSIONS

![Diagram of pH Sensor Dimensions](image)

- Sensor Dimensional & Wiring

### (63-0101) pH SENSOR DIMENSIONS

![Diagram of pH Sensor Dimensions](image)

- pH SENSOR OA - CENTER
- pH SENSOR COAX - SHELL
- SOLUTION GROUND - GREEN

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### SPECIAL APPLICATION FLOWCELLS (CONSULT FACTORY)

![Diagram of Special Application Flowcells](image)

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

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**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

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**ATI-0197**

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SS-Q46H-62-63, RC (9/13)
**SUBMERSIBLE SENSOR DIMENSIONS**

- **Cl/submersible sensor**
  - P/N: 00-0067

- **Sensor Dimensions**
  - 25' Cable Standard
  - 2.2" (56mm)
  - 4.9" (124mm)
  - 5.7" (145mm)

- **2" handrail swivel mounting bracket** with hardware (P/N: 00-0628)

- **1" aluminum conduit**
  - Threaded one end or 1" Schedule 80 PVC pipe
  - Length as required (customer supplied)

- **1" T x T PVC coupling**
  - Supplied with swivel kit

**SUBMERSIBLE SENSOR INSTALLATION**
POWER, RELAY, AND OUTPUT CONNECTIONS

Optional Analog Output Wiring
(30V Max.)

Optional Relay Board Wiring

MODBUS Communication

RELAY WIRING TB4,5,6 DETAIL

FACTORY DEFAULT (NORMAL MODE)

FAILSAFE MODE

ATI-0931
Remove jumpers 3-5 & 6-9 if pH sensor is connected
Remove jumpers 3-5 & 6-9 if pH sensor is connected.
(63-0101) Bayonet Style pH Probe **CANNOT** be used in a remote application.

**NOTE:** When connecting junction box to transmitter using the interconnect cable specified above, connect the blue wire to "A" and the brown wire to "B" in the junction box. On the transmitter end connect the blue wire to pH (+EF) and the brown wire to pH (-EF).