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

Analyser Dimensions (WALL MOUNT SHOWN)

Junction Box

Front View

Back View

Bottom View

ATI-0926

ATI-0655
**FLOW TYPE SENSOR**

(63-0110)

**AUTOCLEAN SENSOR HOLDER**

(00-1692)

w/SENSOR

(63-0110)

**SENSOR OPTIONS**

**SU**

SED**E**D**S**S**S**O**L**L**S** SENS

(63-0110) 9M CABLE LENGTH (STANDARD)

M**ATL**: BLACK PVC
**SENSOR HANDRAIL MOUNTING**

1. Sensor cable to monitor
2. 1" Horizontal
3. Steel mounting bracket with hardware (00-1690)
4. 1" Steel sensor

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**SENSOR HANDRAIL INSTALLATION**

1. Sensor cable to monitor
2. 1" Horizontal
3. Stainless steel sensor

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**SUBMERSIBLE SENSOR MOUNTING OPTIONS**

**STANDARD SUBMERSIBLE (00-1690)**

- 1" NPT PVC coupling (supplied with kit)

**AUTOCLEAN SUBMERSIBLE (00-0624)**

- Pipe mount adapter (supplied by ATI)

**RAG SHEDDING ADAPTER (00-0629)**

- Mount with transition 6" above water surface
- Optional rag shedding mounting adapter (00-0705), supplied by ATI
- Suspension solids autoclean probe

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SS-Q46-88, RC (4/15)
POWER, RELAY, AND OUTPUT CONNECTIONS

Optional Analog Output Wiring
Optional Relay Board Wiring (30V Max.)

RELAY WIRING TB4,5,6 DETAIL

FACTORY DEFAULT (NORMAL MODE)

FAILSAFE MODE

ATI-0930, 0932, 0933

ATI-0931
CONNECT SHIELD (BRAID) TO T/B Labeled as "CABLE SHIELDS" Located inside enclosure bottom of transmitter.
**SENSOR CONNECTIONS - REMOTE JUNCTION BOX**

**DIAGRAM:**
- Connect shield to T/B labeled as "CABLE SHIELDS" located inside enclosure bottom of transmitter.
- Interconnect cable:
  - 1 - GREEN
  - 2 - RED
  - 3 - BLACK
  - 4 - WHITE
- 5 cond. 22 AWG cable (31-0001)
- Remove braided cond. from cable both ends.

**NOTES:**
- Sensor connections:
  - A - GREEN
  - B - YELLOW
  - C - GRAY
  - D - WHITE
  - E - SHIELD

**ATI-1026**
1) Always mount sensor cleaner within 25 ft. of sensor if possible. Maximum air line distance is 50 ft.

2) Sun shade over monitor is recommended in hot climates.

3) Monitor Handrail Mounting Kit # 00-0930 supplies all hardware listed for mounting monitor.

4) Wall mounting requires customer supplied screws or bolts.

5) Sensor Pipe Mounting Kit # 00-0624 supplies mounting plate with hardware and PVC pipe mounting adaptor.

6) Sensor Pipe Mounting Kit with Rag Shedding #00-0629 supplies mounting plate with hardware and PVC rag shedder.
NOTE: IF UNITS ARE ORDERED WITHOUT OPTIONAL MOUNTING PLATE w/DISTRIBUTION BOX, THE TRANSMITTER AND Q-BLAST MUST BEWIRED INDIVIDUALLY.

DC ANALYZER PWR INPUTS INDICATE +" AND "+" FOR INPUT CONNECTIONS. DO NOT ATTEMPT TO CONNECT AC PWR TO A DC ANALYZER AND VISE VERSA.