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

ATI-0926

JUNCTION BOX

ATI-0655
PIPE MOUNTING

ATI-0927

PANEL MOUNTING DIAGRAM

ATI-0928
IN-LINE INSTALLATION

VERTICAL CONFIGURATION IS RECOMMENDED.
HORIZONTAL CONFIGURATION IS ACCEPTABLE.
PROVIDED SENSOR IS MOUNTED IN THE 3:00 OR 9:00 POSITION.

1 1/2" BALL VALVE
TO TURBIDITY MONITOR

1 1/2" BALL VALVE

1 1/2" BALL VALVE

ATI-0513
Model Q46T Turbidity Analyzer

STANDARD FLOWCELL
(63-0038)

RAW WATER FLOWCELL
(00-1491)

NOTE: RAW WATER FLOWCELL TO BE USED FOR HIGH TURBIDITY APPLICATIONS

SENSOR HANDRAIL MOUNTING

SENSOR HANDRAIL INSTALLATION

STANDARD SUBMERSIBLE
(00-1690)

AUTOCLEAN SUBMERSIBLE
(00-0624)

NOTE: SENSOR MOUNTS MUST BE MOUNTED HORIZONTALLY WITH THE OUTLET PRINTING UP.
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
SENSOR CONNECTIONS

CONNECT SHIELD (BRAID) TO T/B Labeled as "CABLE SHIELDS" located inside enclosure bottom of transmitter.

TURBIDITY SENSOR (FLOWCELL NOT SHOWN)
SENSOR CONNECTIONS - REMOTE JUNCTION BOX

CONNECT SHIELD TO T/B Labeled as "CABLE SHIELD" located inside enclosure bottom of transmitter.

INTERCONNECT TABLE
1 = GREEN
2 = RED
3 = BLACK
4 = WHITE

5 Cond. 22 AWG Cable (J1-0001) Remove brn cond. from cable both ends

TURBIDITY SENSOR (FLOWCELL NOT SHOWN)

A = GREEN
B = RED
C = BLACK
D = WHITE
E = SHIELD

ATI-1026
MONITOR HANDRAIL INSTALLATION

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

NOTE: IF UNITS ARE ORDERED WITHOUT OPTIONAL MOUNTING PLATE w/DISTRIBUTION BOX, THE TRANSMITTER AND Q-BLAST MUST BE WIRED INDIVIDUALLY.