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

ANALYZER DIMENSIONS (WALL MOUNT SHOWN)

JUNCTION BOX
PIPE MOUNTING

Panel Mounting Options

ATI-0927

Panel Mounting Diagram

ATI-0928
Model Q46T Turbidity Analyzer

Sensor Options

FLOW TYPE SENSOR
(63-0109)

AUTOCLEAN SENSOR HOLDER
(00-1692) w/SENSOR
(63-0109)

STANDARD FLOWCELL
(00-1901)

NOTE: FOR HIGH TURBIDITY APPLICATIONS (RAW WATER) REMOVE INLET AND OUTLET FITTINGS, AND REPLACE WITH 3/8" OD FITTINGS, SUPPLIED WITH FLOWCELL.

SS-Q46T, RF(2/20) Page 4 of 12
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

ATI-0513
POWER, RELAY, AND OUTPUT CONNECTIONS

Optional Relay Board Wiring
(30V Max.)

Optional Analog Output Wiring

RELAY WIRING TB4,5,6 DETAIL

FACTORY DEFAULT (NORMAL MODE)

FAILSAFE MODE

ATI-0931
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 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 BRN COND. FROM CABLE BOTH ENDS

TURBIDITY SENSOR (FLOWCELL NOT SHOWN)
NOTES

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.