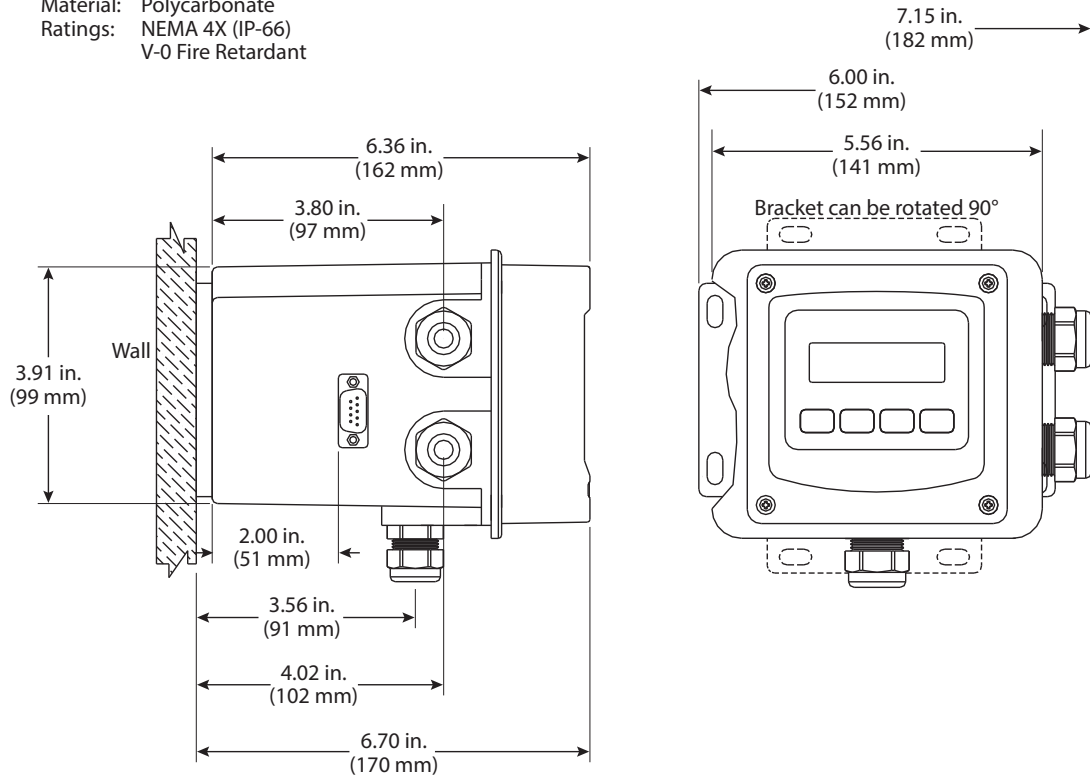


Water Quality Monitor

Model Q46T Turbidity Analyzer

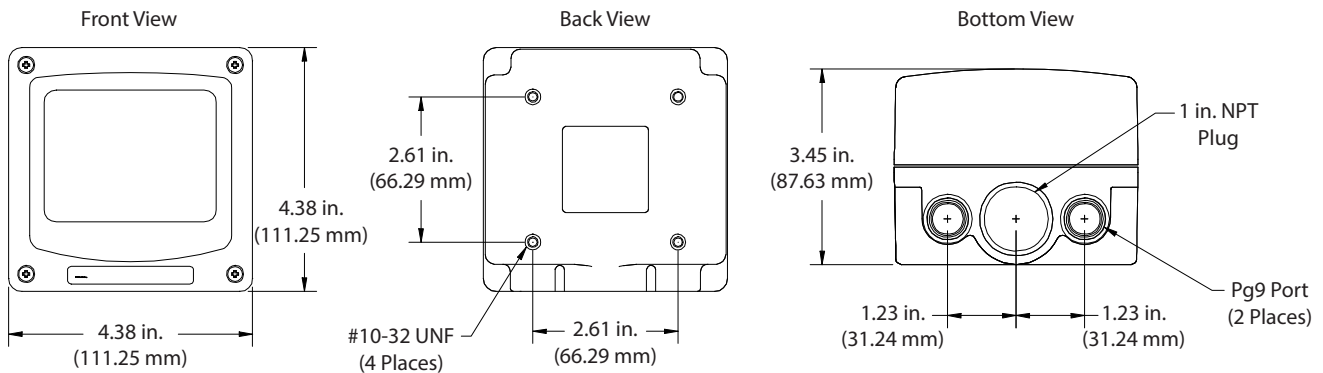
ANALYZER DIMENSIONS (WALL MOUNT SHOWN)

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



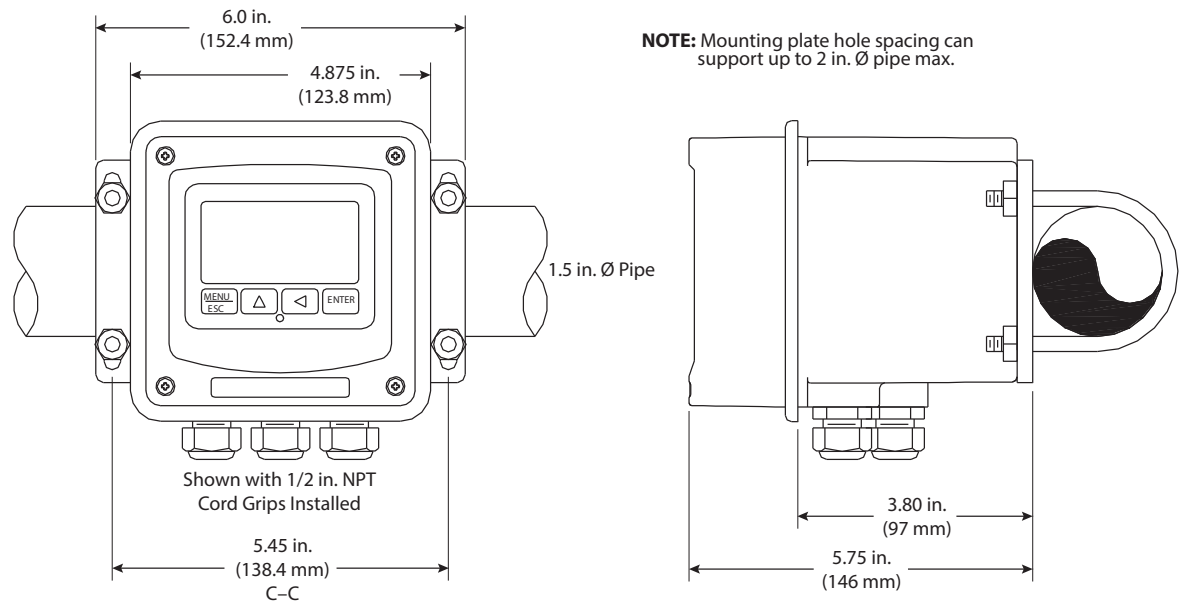
ATI-0926

JUNCTION BOX



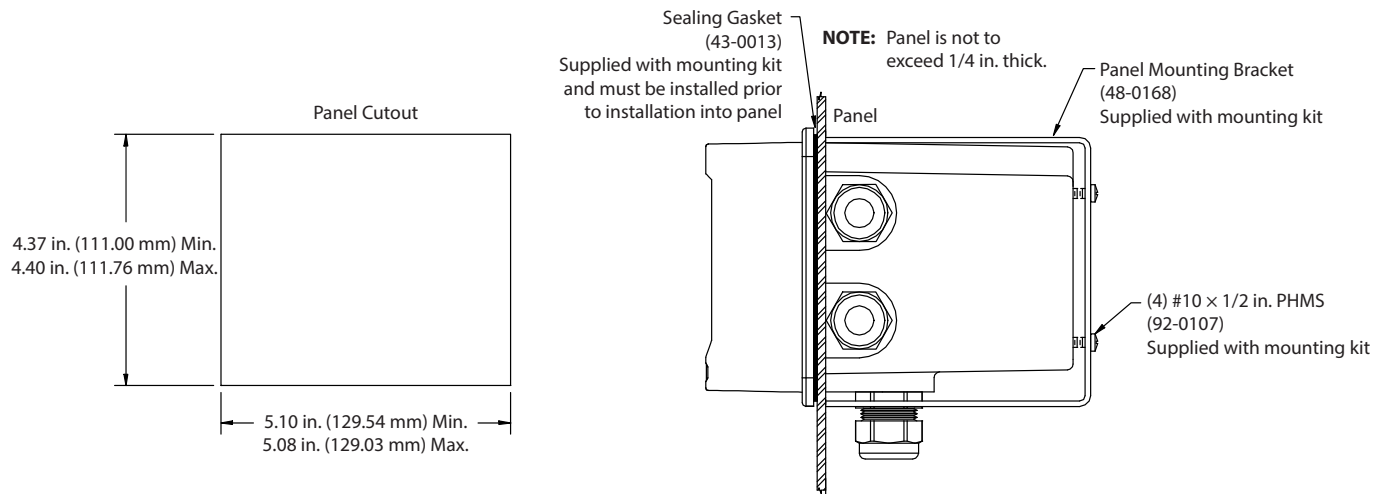
ATI-0655

PIPE MOUNTING



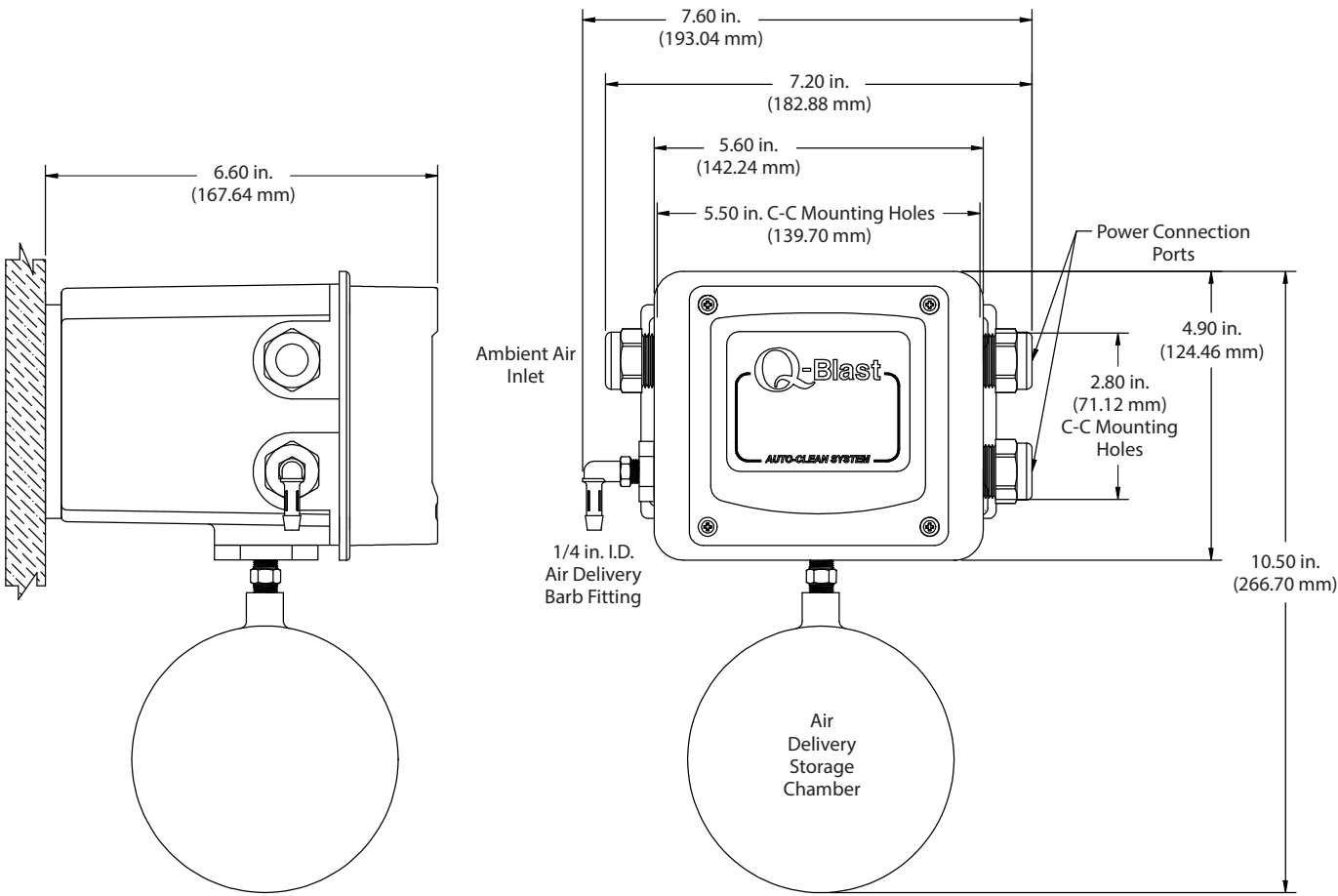
ATI-0927

PANEL MOUNTING DIAGRAM

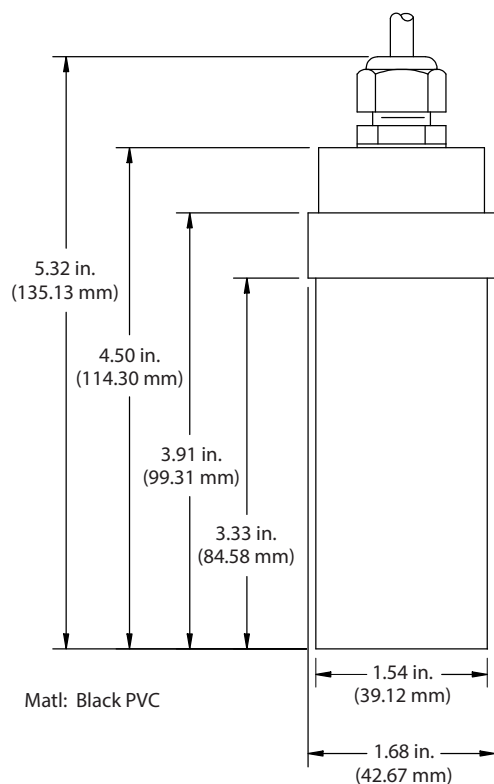


ATI-0928

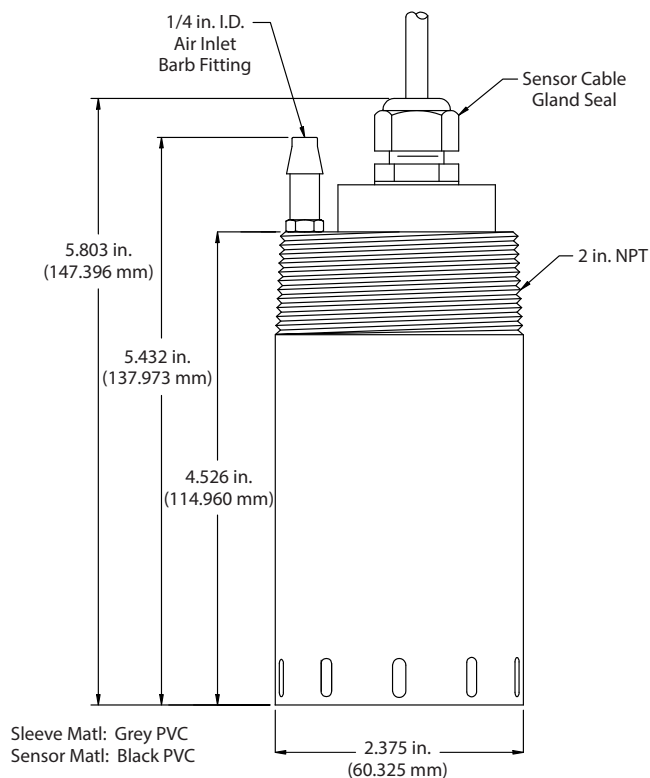
AIR-BLAST ASSEMBLY



FLOW TYPE SENSOR (63-0109)

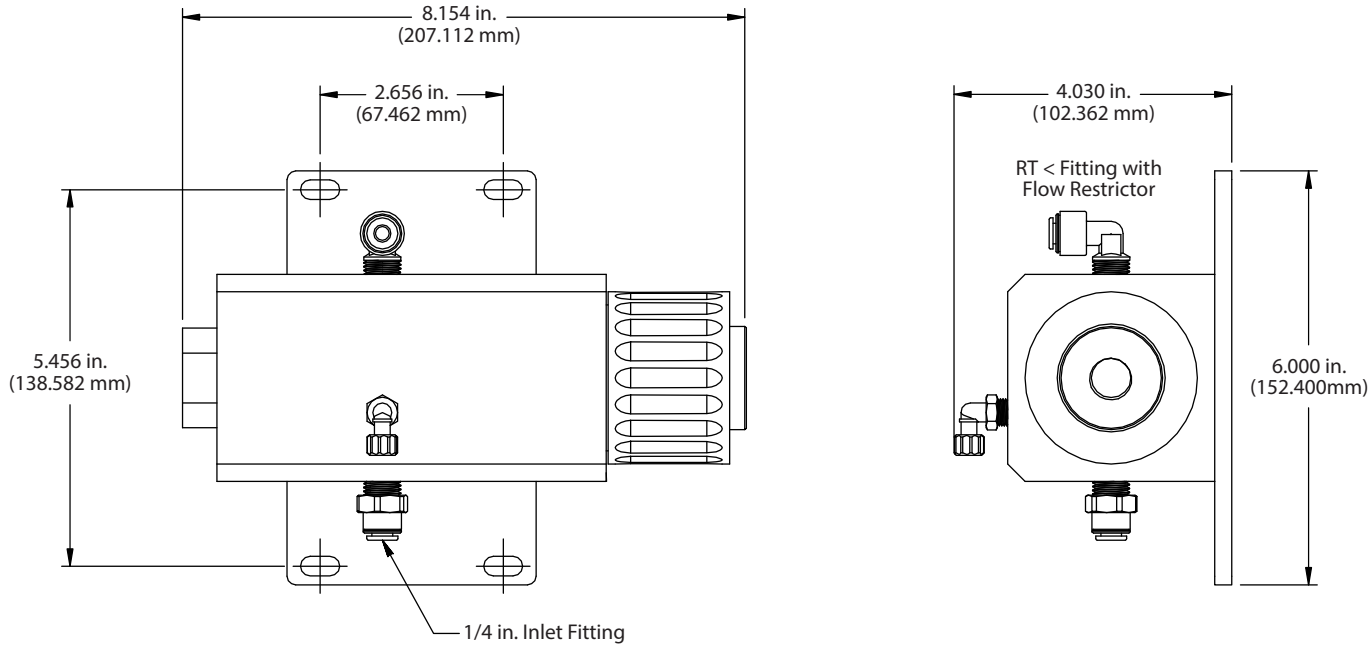


AUTOCLEAN SENSOR HOLDER (00-1692) WITH SENSOR (63-0109)

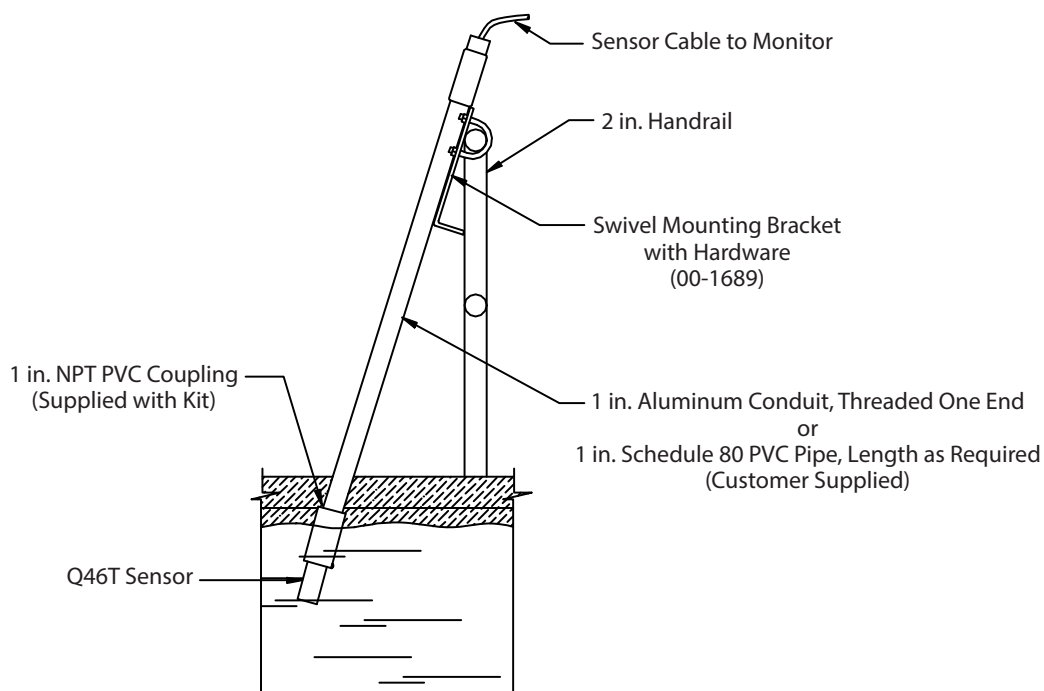


STANDARD FLOWCELL (00-1901)

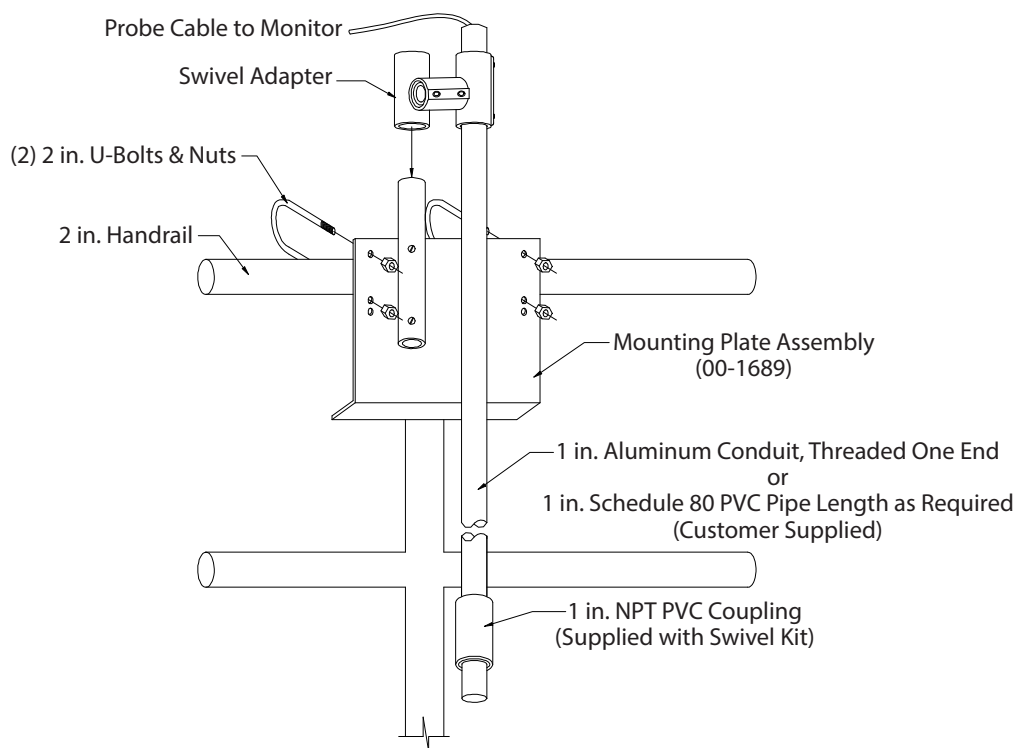
NOTE: For high turbidity applications (raw water), remove the inlet and outlet fittings and replace with 3/8 in. O.D. fittings that are supplied with the flowcell.



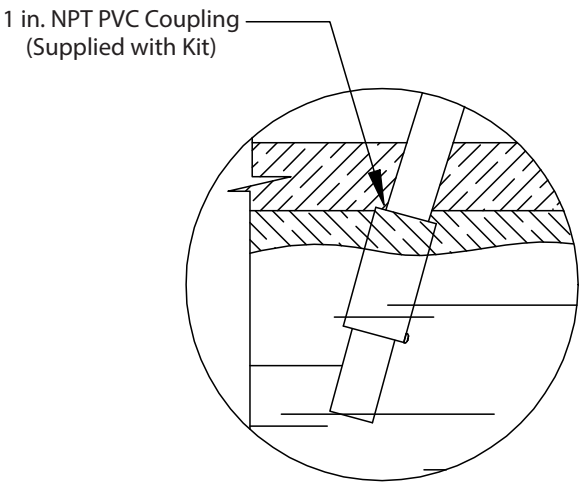
SENSOR HANDRAIL MOUNTING



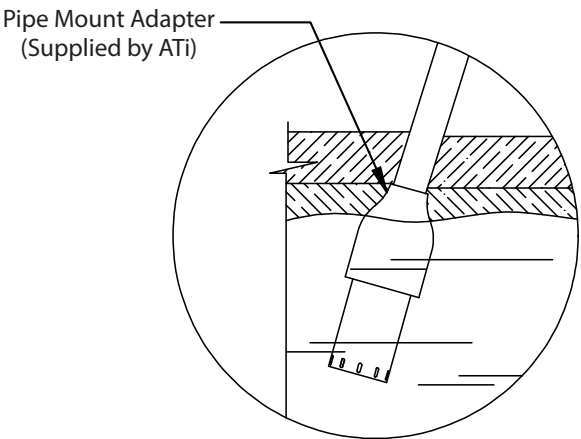
SENSOR HANDRAIL INSTALLATION



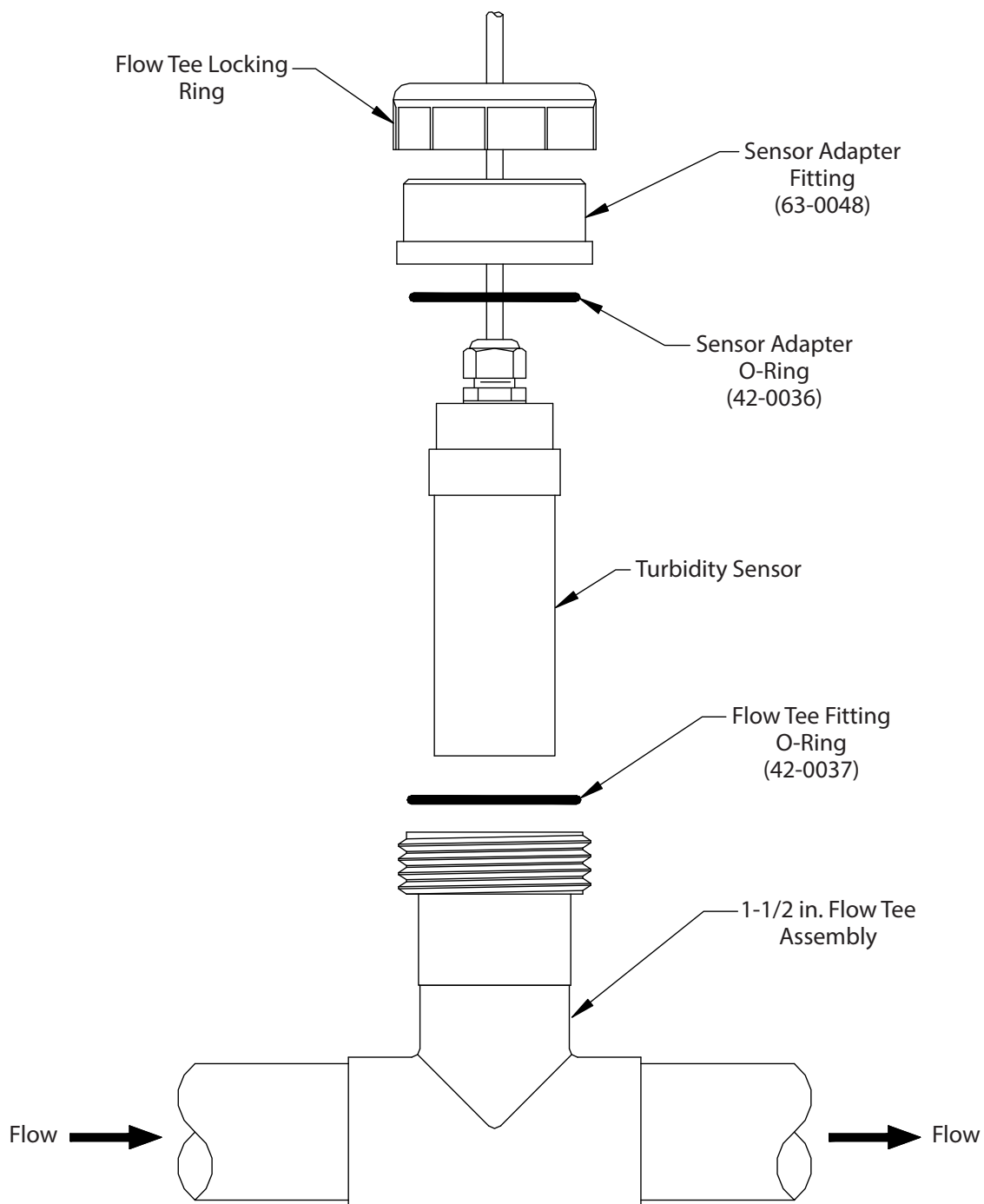
STANDARD SUBMERSIBLE SENSOR (00-1690) MOUNTING OPTION



AUTOCLEAN SUBMERSIBLE SENSOR (00-0624) MOUNTING OPTION



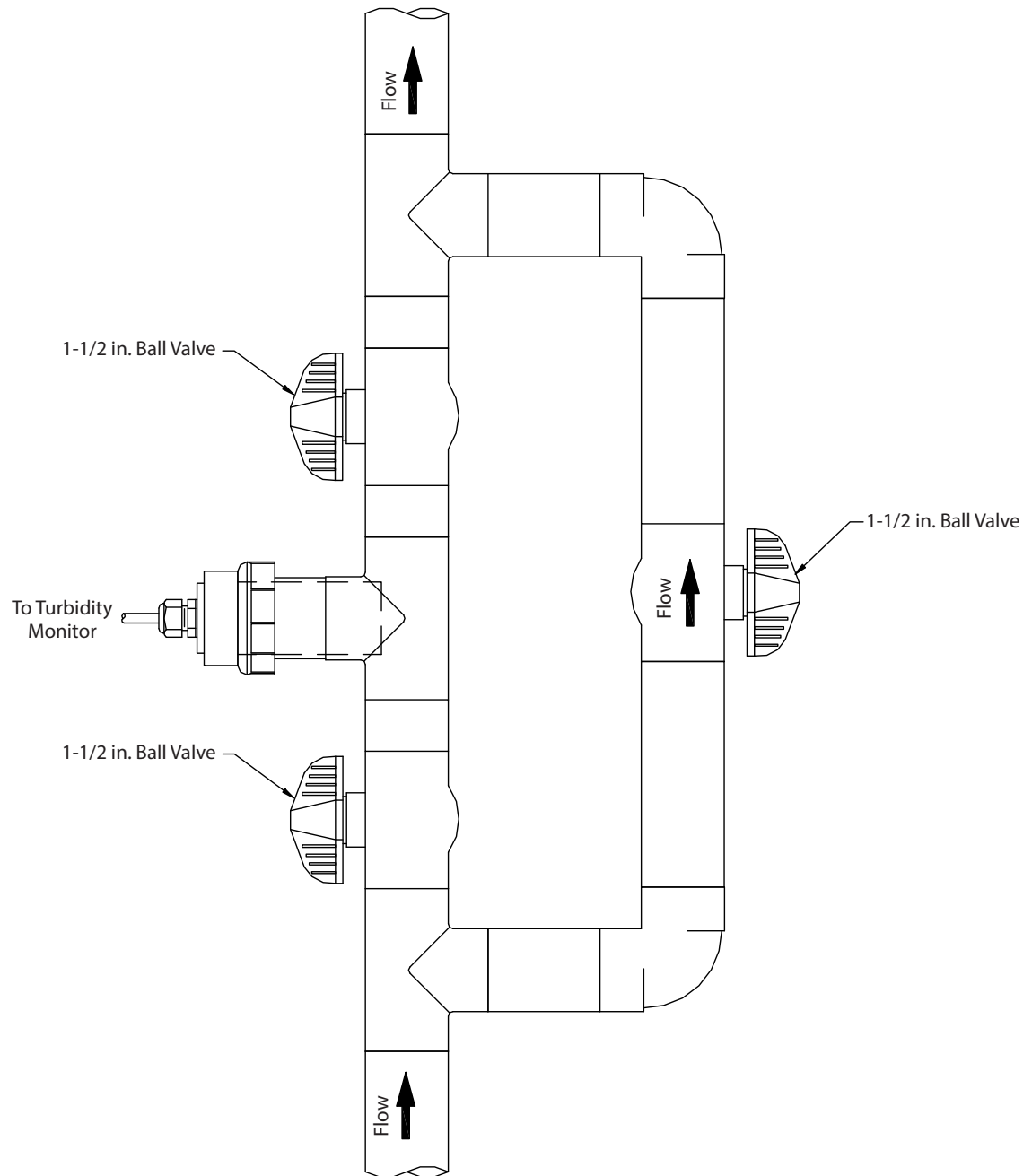
FLOW TEE EXPLODED VIEW



ATi-0542

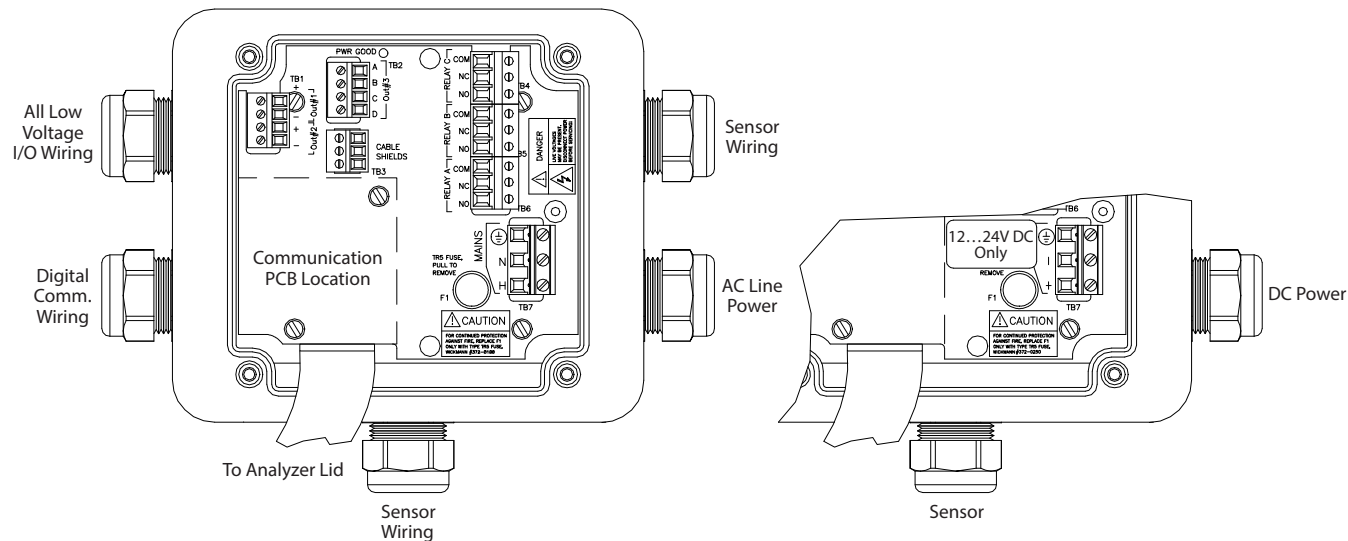
INLINE INSTALLATION

NOTE: Vertical configuration is recommended. Horizontal configuration is acceptable provided the sensor is mounted in the 3 o'clock or 9 o'clock position.

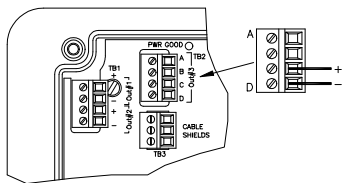


ATi-0513

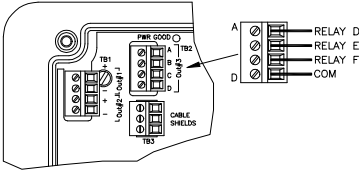
POWER, RELAY AND OUTPUT CONNECTIONS



Optional Analog Output Wiring

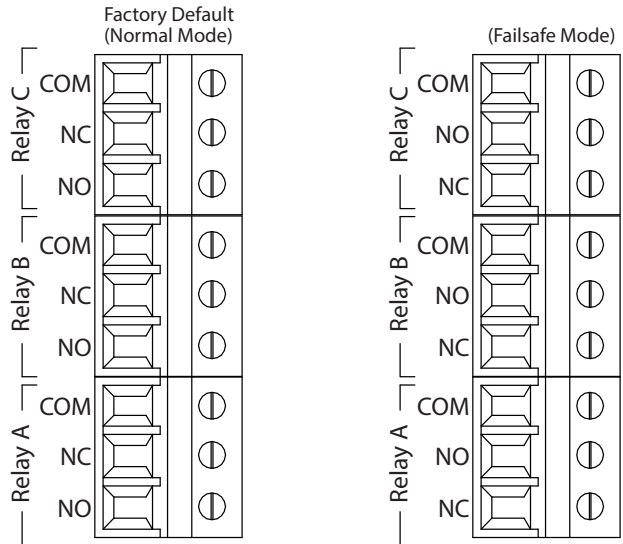


Optional Relay Board Wiring (30V Max.)



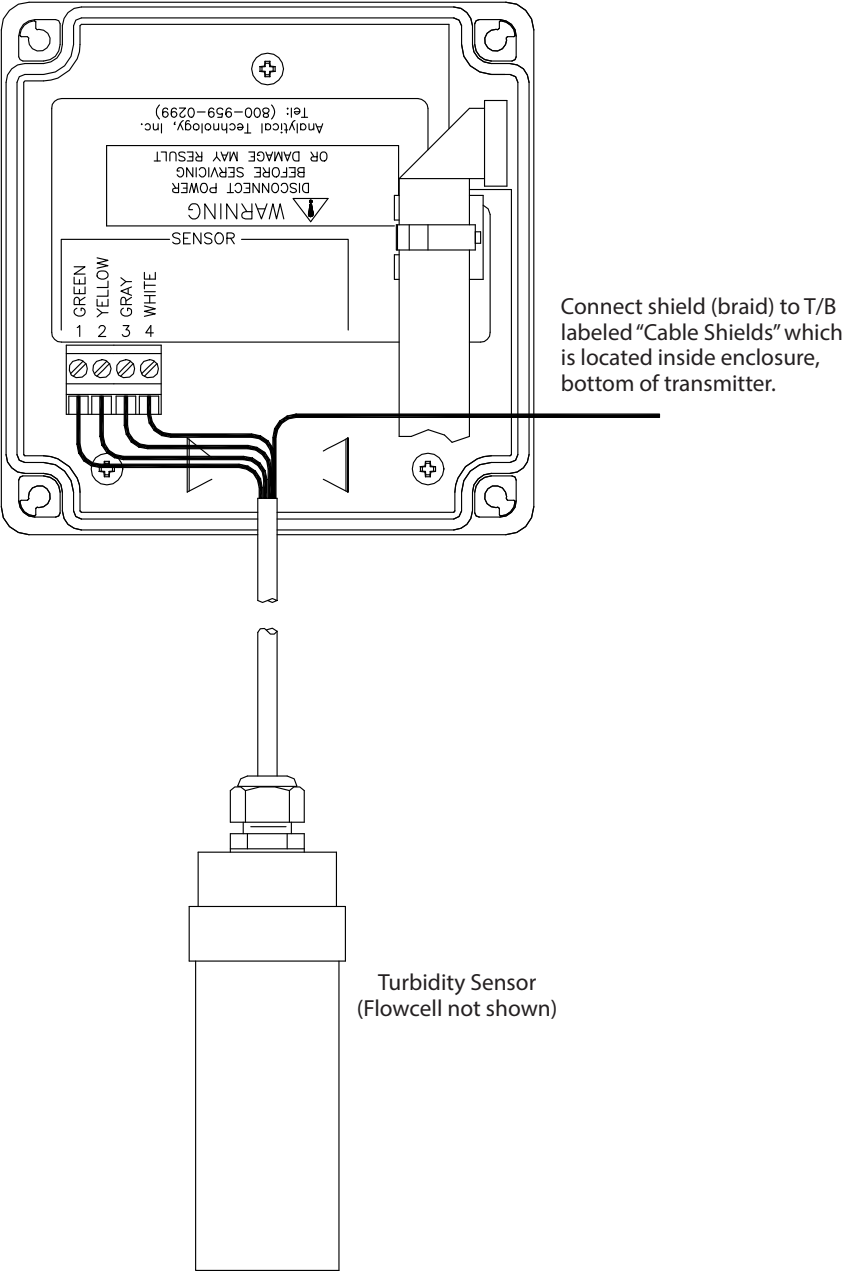
ATI-0930, -0932, -0933

RELAY WIRING TB4, 5, 6 DETAIL



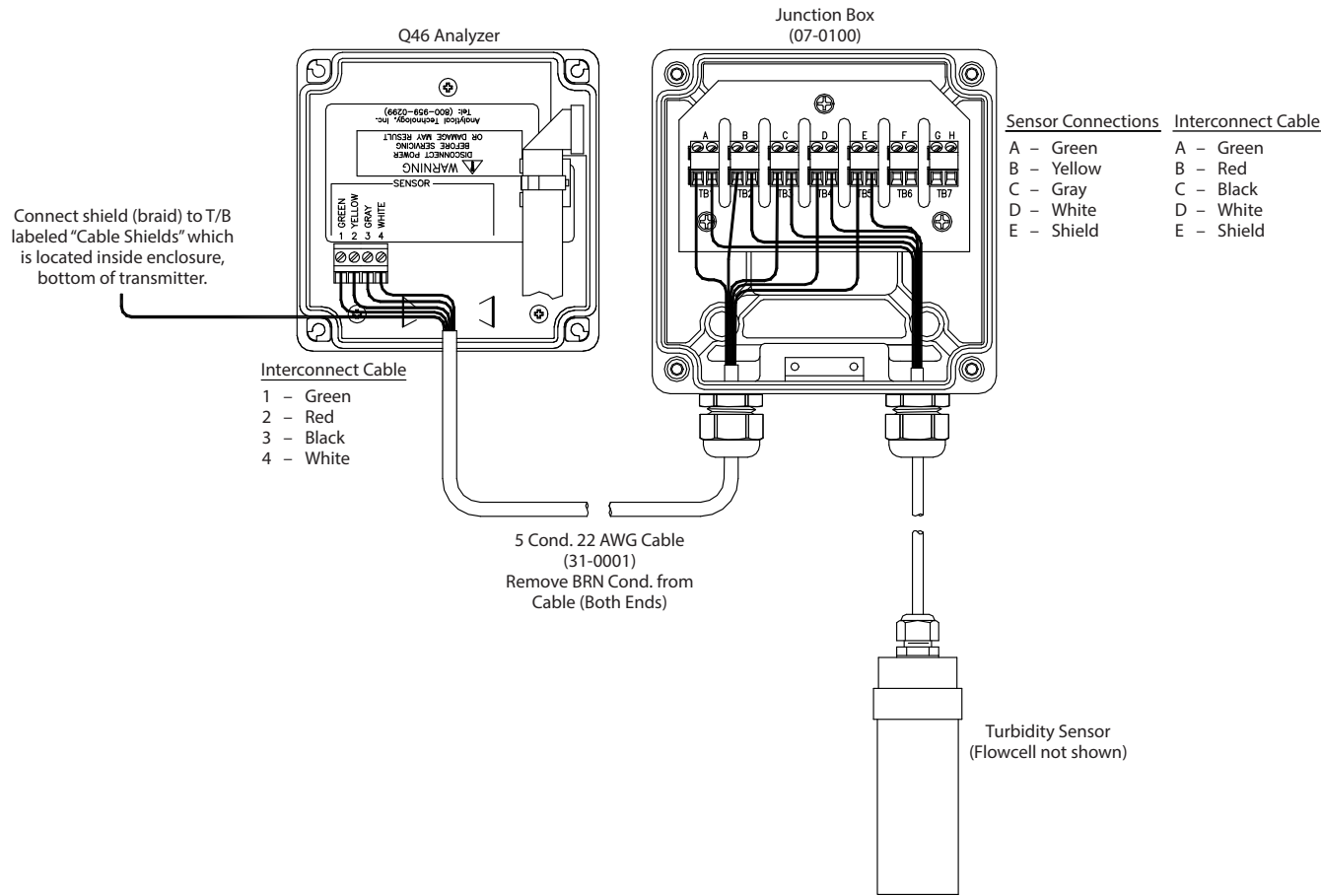
ATI-0931

SENSOR CONNECTIONS



ATI-1025

REMOTE JUNCTION BOX SENSOR CONNECTIONS

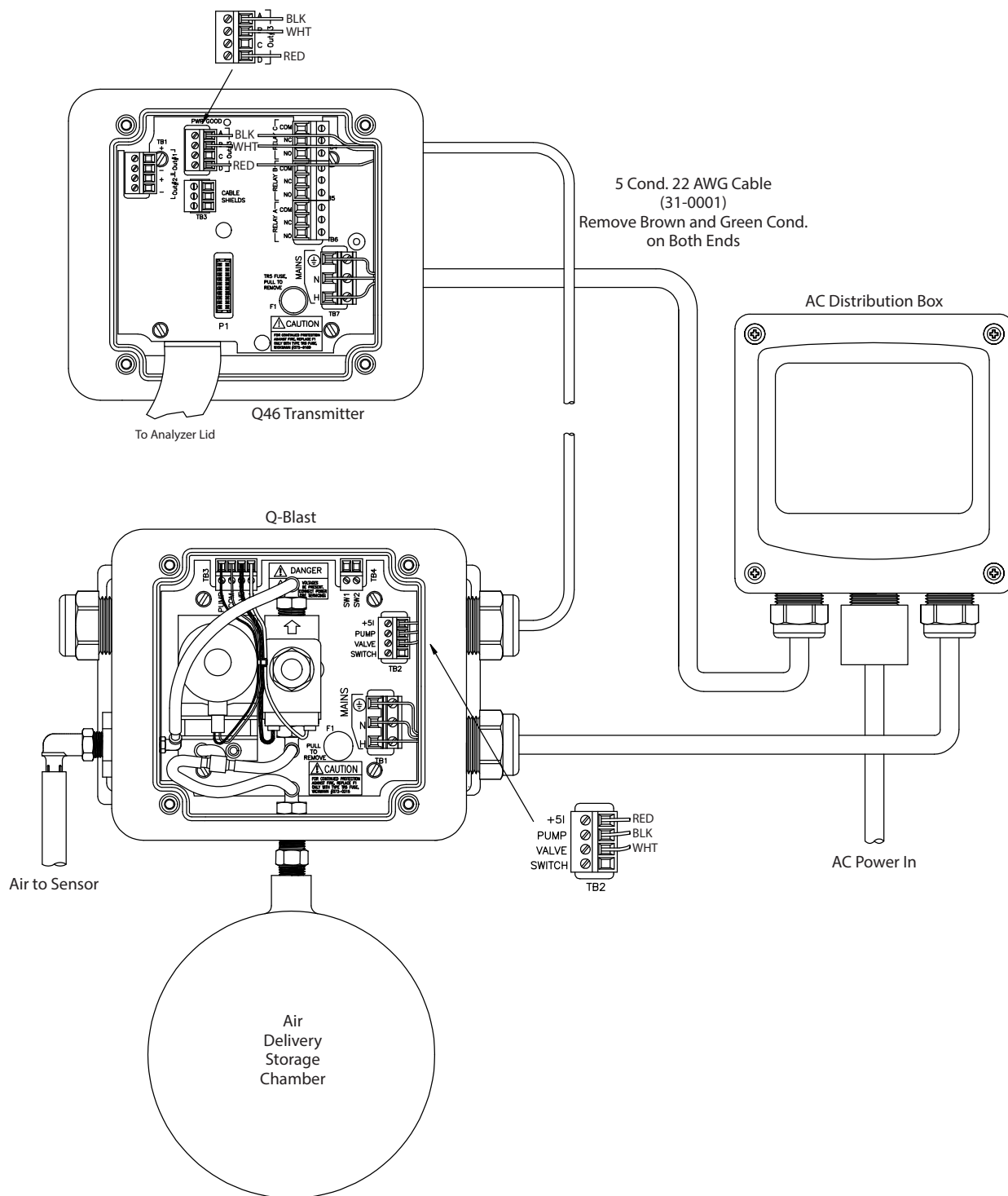


ATI-1026

AUTOCLEAN SYSTEM ELECTRICAL WIRING

NOTE: DC analyzer power inputs indicate "+" and "-" for input connections. Do not connect AC power to a DC analyzer and vice versa.

NOTE: If units are ordered without optional mounting plate with distribution box, the transmitter and Q-blast must be wired individually.



ATi-0966

MONITOR HANDRAIL INSTALLATION

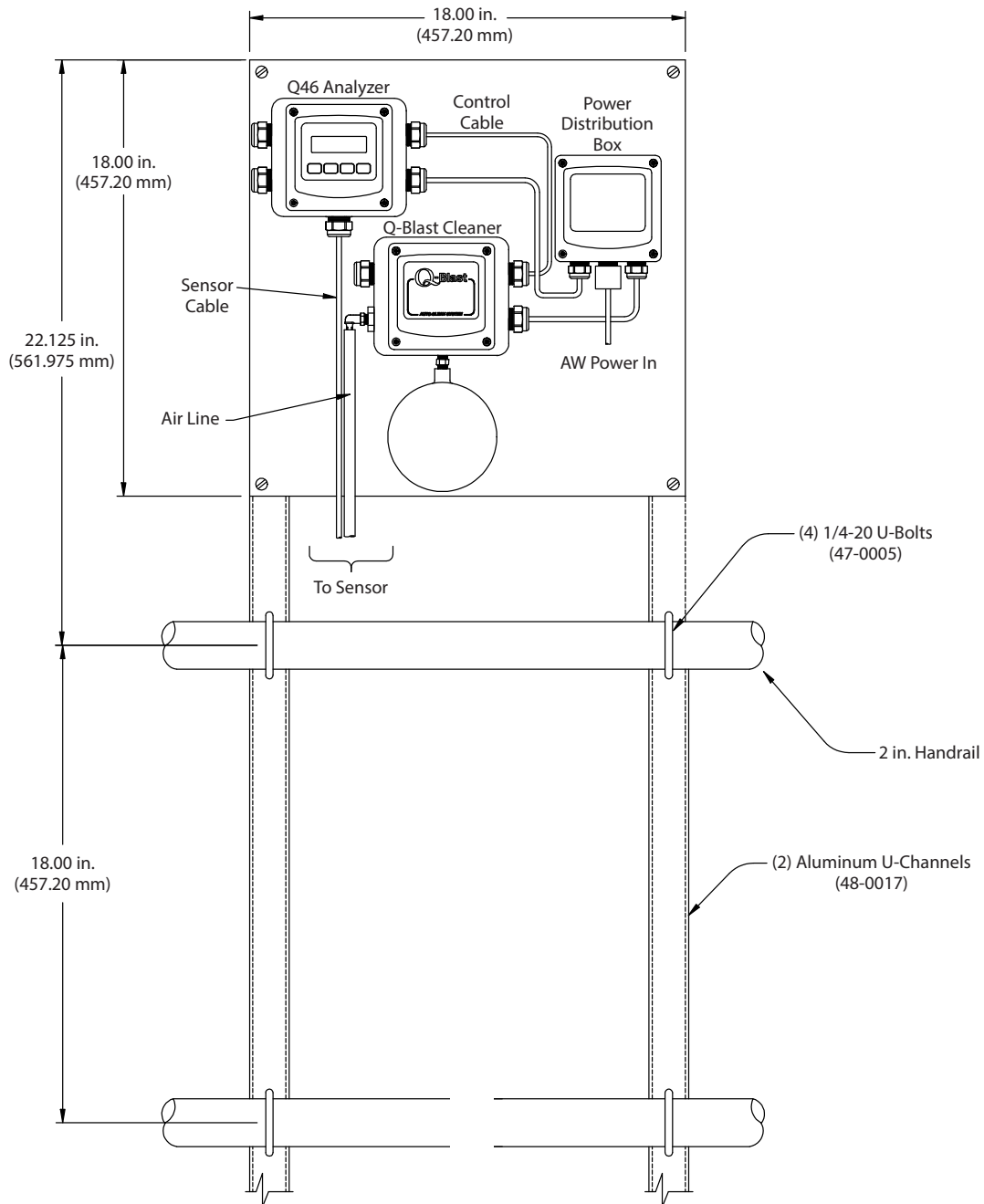
NOTE: Always mount sensor cleaner within 25 ft. of sensor if possible. Maximum air line distance is 50 ft.

NOTE: Sun shade over monitor is recommended in hot climates.

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

NOTE: Wall mounting requires customer supplied screws or bolts.

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



ATi-0962

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