



Wiring Guide Conductivity Sensors

N133-57 R1

Contents

Page

AS-series + AM-2252



3

AS-series + AM-2250



4

AS-series + AM-2250TX



5

AM-ES1 + AM-2251



6

AS-TX + AM-2300



7

AS-TX + PLC



8

AS-TX + RS485



9

ES5 + AM-2300



10

ES5 + AM-2252



11

ES5 + PLC



8

AS-series + Shark-120



12

AS-series + Shark-TX

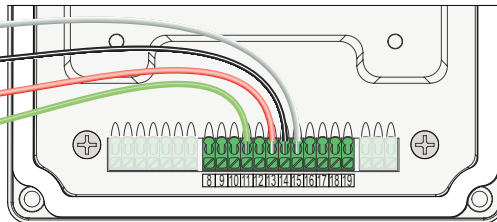


12

AS-series Probes with AM-2252

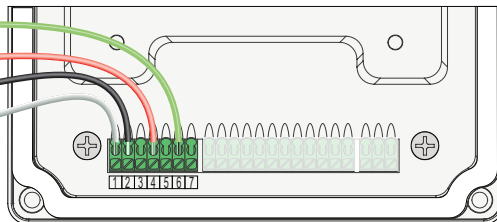
ASG001P1
ASM01P1
ASM1P1
ASG10P1
ASG50P1

Conductivity (15)
Conductivity (14)
Temperature (13)
Temperature (11)



AM-2252 Controller. Input Channel 1

Temperature (6)
Temperature (4)
Conductivity (2)
Conductivity (1)

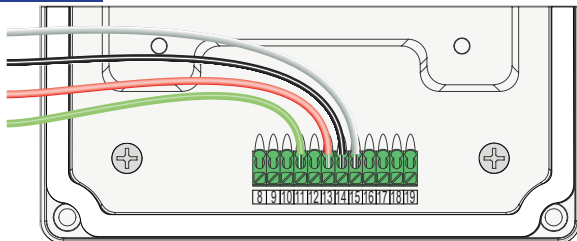


AM-2252 Controller. Input Channel 2

AS-series Probes with AM-2250

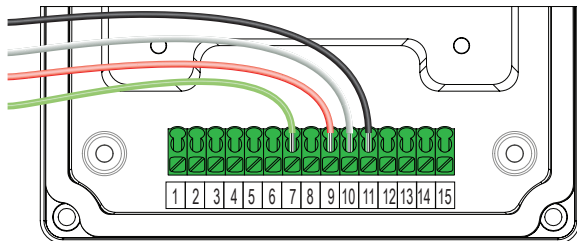
ASG001P1
ASM01P1
ASM1P1
ASG10P1
ASG50P1

Conductivity (15)
Conductivity (14)
Temperature (13)
Temperature (11)



AM-2250 Controller. Sold after 2021

Conductivity (11)
Conductivity (10)
Temperature (9)
Temperature (7)

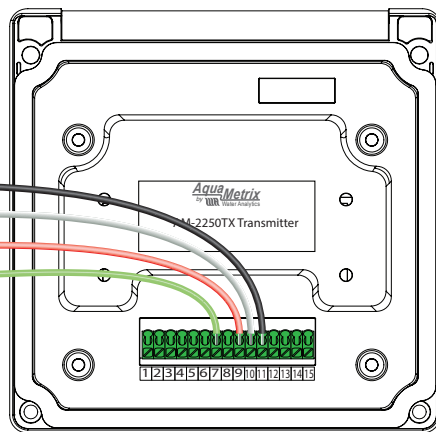


AM-2250 Controller. Sold before 2021

AS-series Probes with AM-2250TX

ASG001P1
ASM01P1
ASM1P1
ASG10P1
ASG50P1

Conductivity (11)
Conductivity (10)
Temperature (9)
Temperature (7)

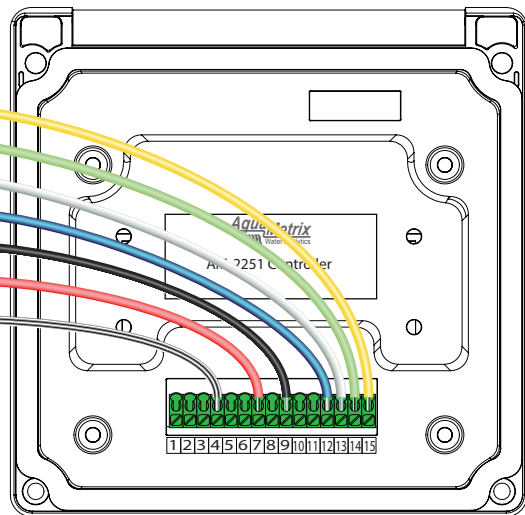


AM-2250 TX Transmitter

AM-ES1 probe with AM-2251

AM-ES1

- Toroid Sense - (15)
- Toroid Sense + (14)
- Toroid Drive - (13)
- Toroid Drive + (12)
- Temperature (9)
- GND (7)
- Shield (4)

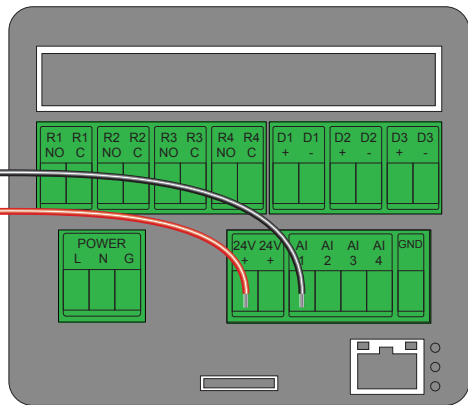


AM-2251 Controller

AS-TX probes with AM-2300

ASM01TX
ASM1TX
ASG10TX

Analog IN (AI1)
24VDC (24V)
RS-485 A (NC)
RS-485 B (NC)
RS-485 GND (NC)



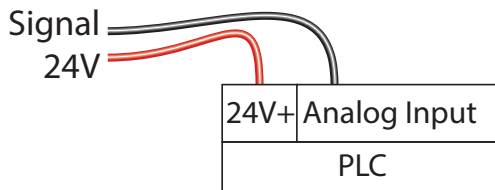
AM-2300 Controller

NOTE: 4 or 8 sensors can be connected to AM-2300 (depending on configuration).

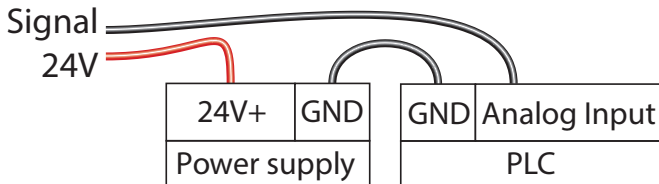
AS-TX and ES5 Probes with PLC's

ASM01TX
ASM1TX
ASG10TX

ES5C1
ES5C2
ES5C3



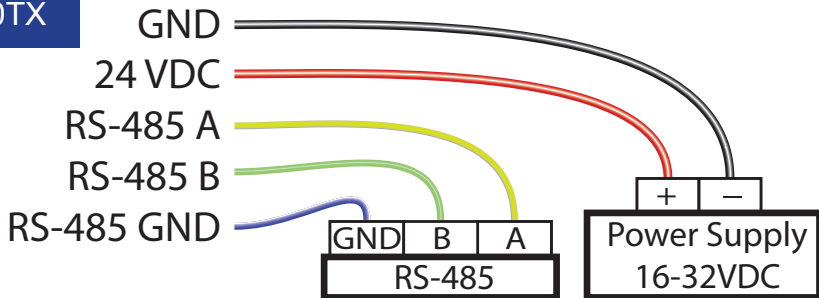
Current Sourcing PLC



Current Sinking PLC

AS-TX probes digital wiring (RS-485)

ASM01TX
ASM1TX
ASG10TX



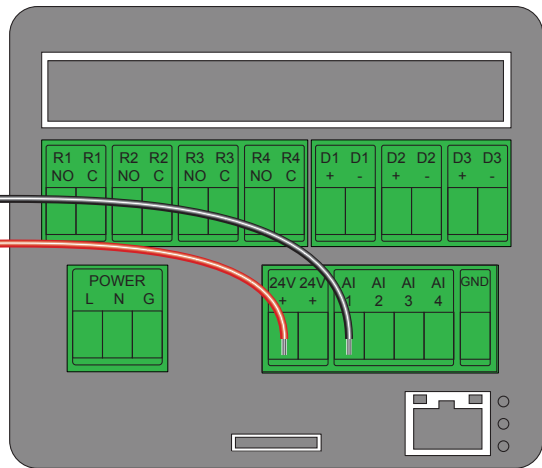
Refer to the operation manual for a list of CLI commands.

NOTE: RS-485 isolator may be required to avoid ground loop.

ES5 Probes with AM-2300

ES5C1
ES5C2
ES5C3

Analog IN (AI1)
24VDC (24V)

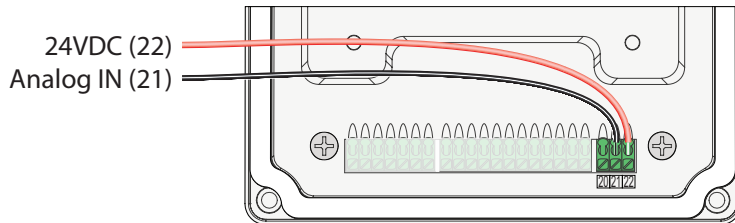


NOTE: up to 4 or 8 sensors can be connected to AM-2300 (depending on configuration).

AM-2300 Controller

ES5 Probes with AM-2252

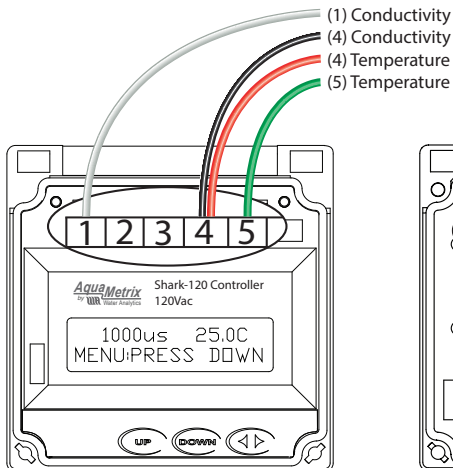
ES5C1
ES5C2
ES5C3



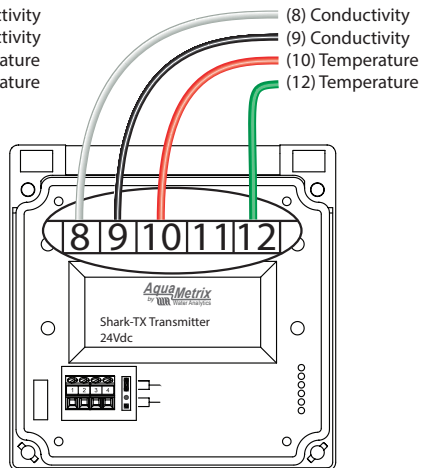
AM-2252 Controller

AS-series probes with Shark & Shark-TX

ASG001P1
ASM01P1
ASM1P1
ASG10P1
ASG50P1



Shark-120 Controller



Shark-TX Transmitter

Aqua ***Metrix***
by  **Water Analytics**

www.AquaMetrix.com

978-749-9949