















Wiring Guide

pH and ORP Sensors

Contents

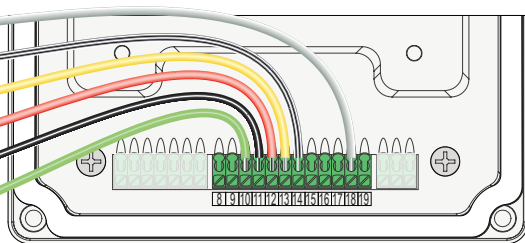
Page

P60R5 / P60R8 + AM-2252		3
P60R5 / P60R8 + AM-2250		4
P60R5 / P60R8 + AM-2250TX		5
P60R5 / P60R8) + AM-2251		5
P575T1 / P585T1 + AM-2252		6
P575T1 / P585T1 + AM-2250		7
P575T1 / P585T1 + AM-2250TX		8
P575T1 / P585T1 + AM-2251		8
P65R5 / P65R8 + AM-2300		9
P65R5 / P65R8) + PLC		10
P60R5 / P60R8 + Shark-120/240		11
P60R5 / P60R8 + Shark-120/240		11

Differential Probes with AM-2252

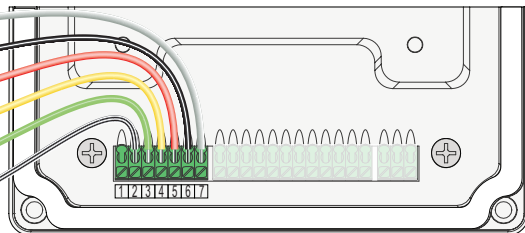
P60R5
P60R8
R60R5
R60R8

Power -3VDC (18)
Shield (14)
Temperature (13)
Process + (12)
Ground (11)
Process - (10)



AM-2252 Controller. Input Channel 1

Power -3VDC (7)
Ground (6)
Process + (5)
Temperature (4)
Process - (3)
Shield (2)

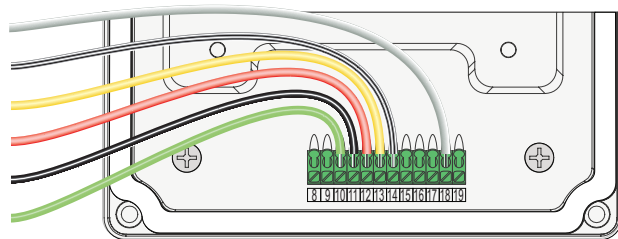


AM-2252 Controller. Input Channel 2

Differential Probes with AM-2250

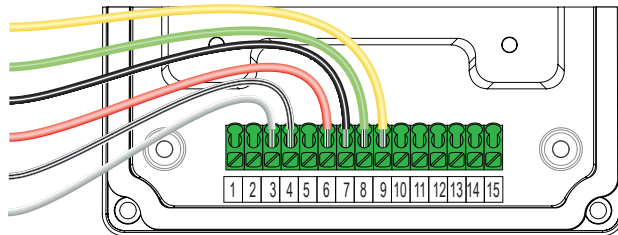
P60R5
P60R8
R60R5
R60R8

Power -3VDC (18)
Shield (14)
Temperature (13)
Process + (12)
Ground (11)
Process - (10)



AM-2250 Controller. Sold after 2021

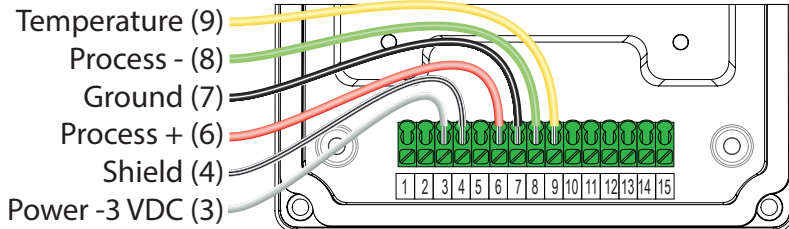
Temperature (9)
Process - (8)
Ground (7)
Process + (6)
Shield (4)
Power -3 VDC (3)



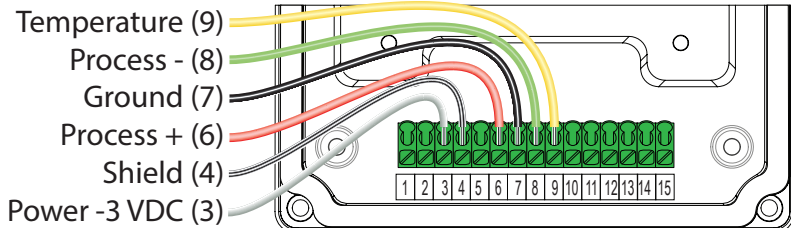
AM-2250 Controller. Sold before 2021

Differential Probes with AM-2250TX & AM-2251

P60R5
P60R8
R60R5
R60R8



AM-2250 TX Transmitter



AM-2251 Controller

Combination Probes with AM-2252

P575T1

P585T1

R575T1

R585T1

Customer supplied

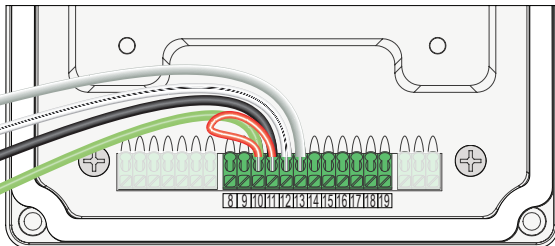
Wire(10-11)

Temp (13)

pH/ORP (12)

REF (11)

Temp (10)



AM-2252 Controller. Input Channel 1

Customer supplied

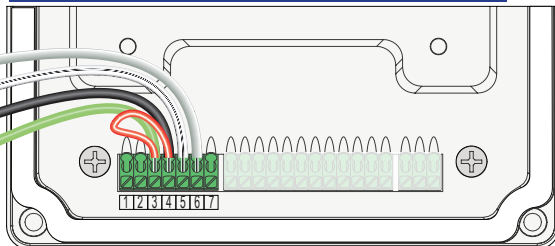
Wire (3-4)

Temp (6)

pH/ORP (5)

Ref (4)

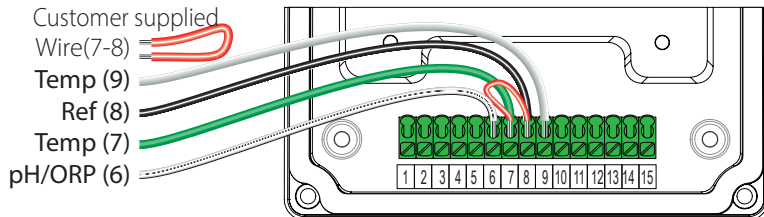
Temp (3)



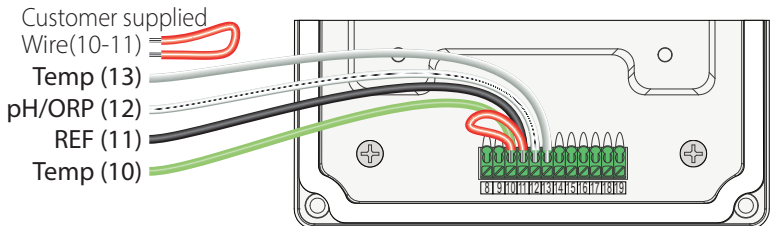
AM-2252 Controller. Input Channel 2

Combination Probes with AM-2250

P575T1
P585T1
R575T1
R585T1








AM-2250 Controller. Sold before 2021

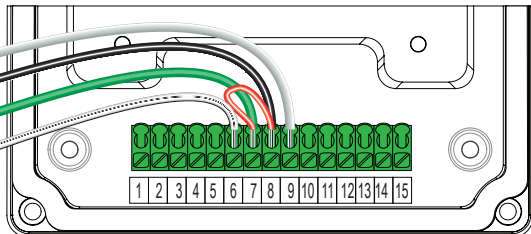


AM-2250 Controller. Sold after 2021






Combination Probes with AM-2251 & AM-2250TX

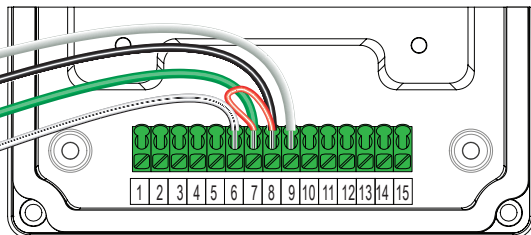
P575T1
P585T1
R575T1
R585T1

Customer supplied
Wire(7-8) 
Temp (9) 
Ref (8) 
Temp (7) 
pH/ORP (6) 



AM-2251 Controller

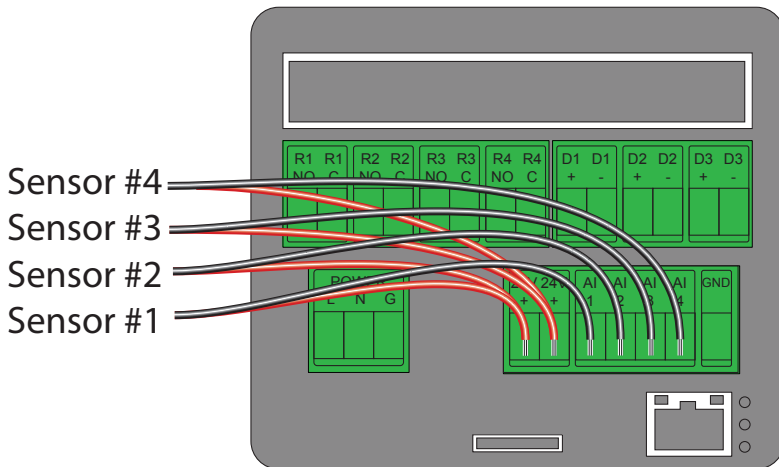
Customer supplied
Wire(7-8) 
Temp (9) 
Ref (8) 
Temp (7) 
pH/ORP (6) 



AM-2250 TX Transmitter

4-20 mA Differential Probes with AM-2300

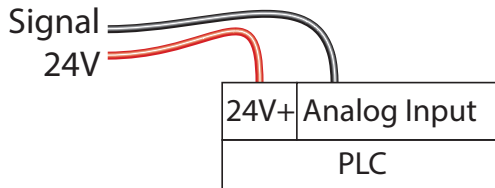
P65R5
P65R8
R65R5
R65R8



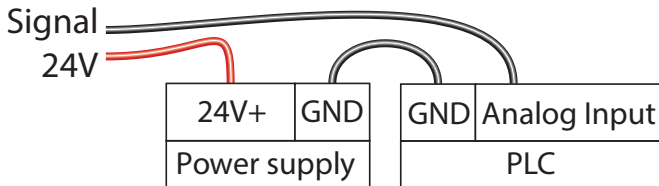
AM-2300 Controller

4-20 mA Differential Probes with PLC's

P65R5
P65R8
R65R5
R65R8



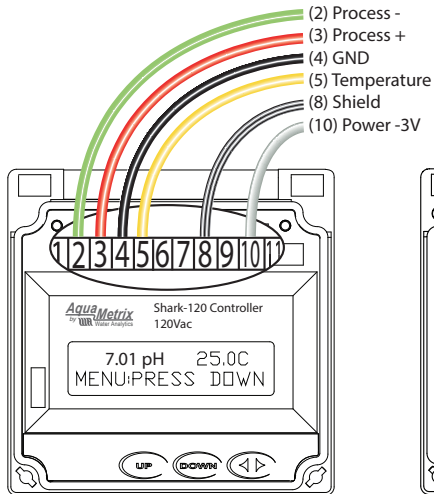
Current Sourcing PLC



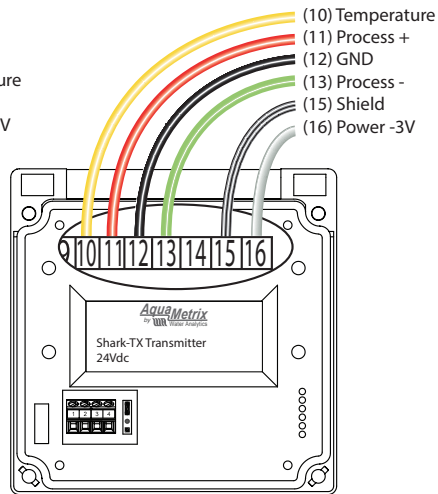
Current Sinking PLC

Differential Probes with Shark & Shark-TX

P60R5
P60R8
R60R5
R60R8



Shark-120 Controller



Shark-TX Transmitter

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

www.AquaMetrix.com

978-309-0700