

Met One AIO-2

3.3. Input / Output Connections

10624 Cable Wire Color Designations:

RED	POWER POSITIVE (8-36VDC, 30mA nominal @ 12VDC)
BLK	POWER COMMON
BLU	SDI-12
GRN	SIGNAL COMMON (DB9 Pin 5)
WHT	RS-232 TX (DB9 Pin 2)
BRN	RS-232 RX (DB9 Pin 3)
YLW	RS-485 +A
GRY	RS-485 -B
ORN	EXTERNAL RAIN GAUGE OPTION INPUT
VIO	EXTERNAL SOLAR RADIATION SENSOR OPTION INPUT
WHT/BRN	SHIELD (must be grounded for transient protection to function)

Warning: Do not short any of the signal or power wires to ground or to each other.

Met One AIO-2

DB-9 Serial Cable

notes

Red

(+V) at 24VDC supply

Black

(-V) at supply

Green

1-Black

Yellow

4-Orange, 8-Gray

Gray

5-Yellow, 9-White

White / Brown

to ground bus

DB9 Serial Cable RS232/RS485/RS422 Extension Cable, DB9 Female to Bare Wire Cable Marked 3 Foot, D-USB 9-pin Port Terminal Female Adapter Connector Distribution Board, No Soldering Required - Black

Brand: JUXINICE



National Instruments NI USB-485 connects RS485 data output of Met One AIO-2 via DB9 adaptor to a computer USB port for a LabVIEW program to translate to display and a data set.

