NOTES:
1. WARNING: This drawing does not completely illustrate the installation methods required for hazardous locations. Prior to any installation in a classified hazardous location, verify installation methods by the Control Drawing referenced on the product's name tag and national and local codes.
2. To access the XMV termination board, remove the enclosure rear cover.
3. For RTD installation, remove jumppers from XMV terminals 11-12, 13-14 and the 178Ω resistor from terminals 12-14.
4. The RS-485 bus must be wired in a daisy-chain configuration. Star configurations are not allowed.
5. Maximum accumulated length for the RS-485 bus is 4000 feet.

To terminate the bus on the XRC board, jumper J10 Pin-1 to Pin-2.

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In this configuration, COMM2 may not be used to communicate with other devices. To attach other devices, such as other flow computers, use COMM1.

RS-485 Cable Entry (Wiring Diagram is shown outside of conduit for clarity)

SEE NOTE 3

178Ω Resistor

Probe Cable Entry (Wiring Diagram is shown outside of conduit for clarity)

120Ω - 250Ω Resistor
The last XMV on the bus should be terminated with this resistor jumped across the COMM+ and COMM- terminals (the 178Ω resistor discarded in Note 3 is acceptable for this termination).

Connect the Shield GND from the RS-485 cable at the enclosure end of the cable to the chassis GND lug located on the bottom of the enclosure. For every other RS-485 cable to an additional device, attach Shield GND to Shield GND. DO NOT ground at any other place.