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.

RS-485 Communications Module

Totalflow P/N 2015193-002/003

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

For RTD installation, remove jumpers from XMV terminals 11-12, 13-14 and the 1780 resistor from terminals 12-14.

ABB XMV

P/N 1641022

To terminate the Buss on the XRC Board, jumper J7 Pin-1 to Pin-2

120Ω – 250Ω Resistor

The last XMV on the buss should be terminated with this resistor jumpered across the COMM+ and COMM– terminals (the 1780 resistor discarded when adding the RTD 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.

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.