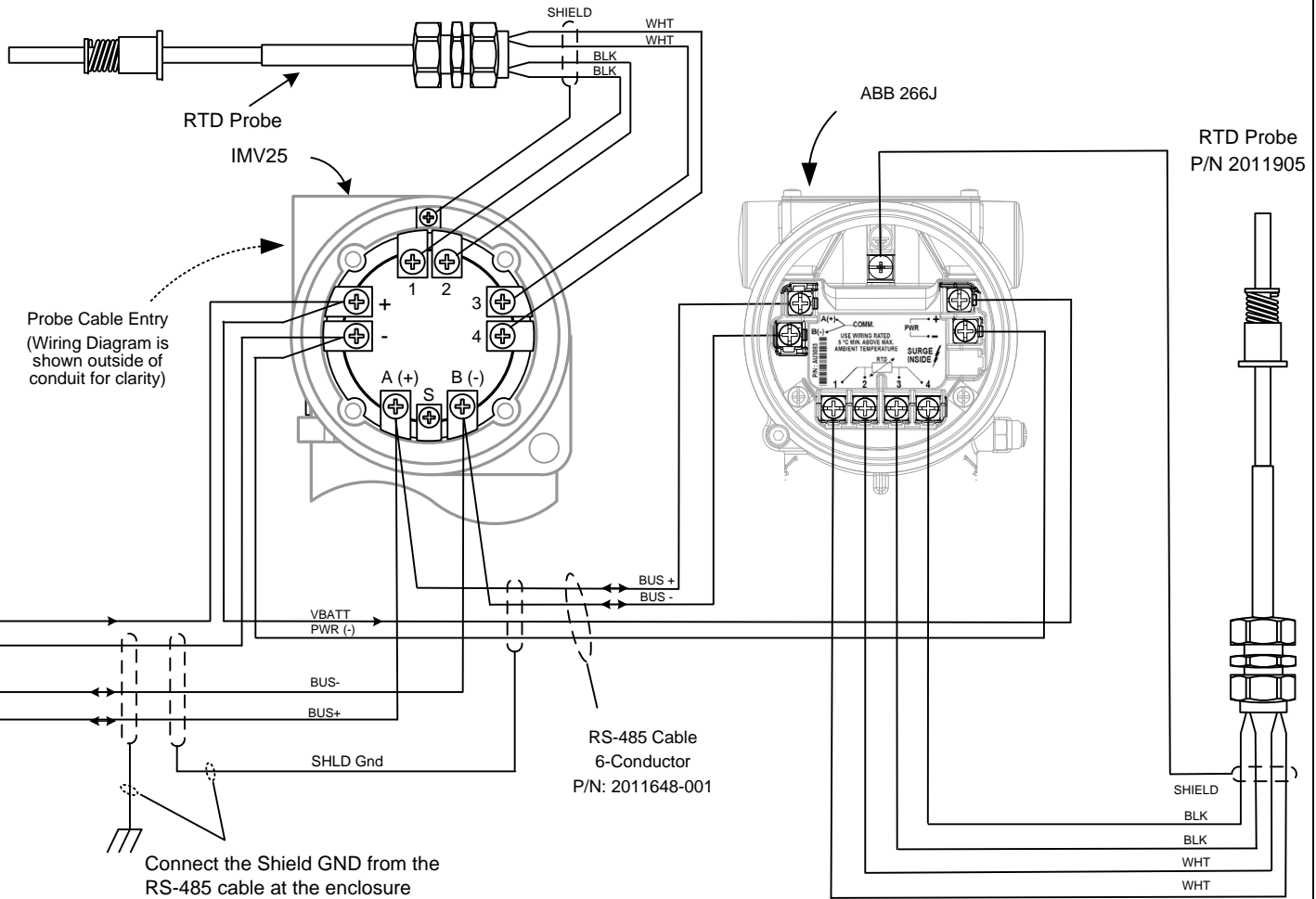


NOTES:

- WARNING:** This drawing does not 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.
- Termination methods for COMM ports 1 and 2 are the same. All notes apply.
- In this configuration COMM 1 may only be used to communicate with the listed devices. Use COMM 2 for other devices.

The RMC can operate on 12 or 24 volts DC. If using VOUT to power an external device verify that the RMC supply voltage is compatible with the external device.



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

RS-485 Cable
6-Conductor
P/N: 2011648-001

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.

For a COMM port to be activated the COMM module (Part # 2105236-001) must be in the slot for the appropriate COMM port. The module is software selectable for communication protocol type.

RMC COMM PORT PINOUTS			
PIN	RS-232	RS-422	RS-485
1	Voltage Out (VOUT)	Voltage Out (VOUT)	Voltage Out (VOUT)
2	Ground (GND)	Ground (GND)	Ground (GND)
3	Switched voltage (Sw VOUT)	Switched voltage (Sw VOUT)	Switched voltage (Sw VOUT)
4	Operate (OPER)	Operate (OPER)	Operate (OPER)
5	Remote request to send (RRTS)	Remote request to send (RRTS)	Remote request to send (RRTS)
6	Request to send (RTS)	Transmit bus+ (TBUS+)	Transmit bus+ (TBUS+)
7	Transmit data (TX)	Transmit bus- (TBUS-)	Transmit bus- (TBUS-)
8	Receive Data (RX)	Receive bus+ (RBUS+)	Not Used
9	Clear to send (CTS)	Receive bus- (RBUS-)	Not Used

RMC (2105350) Board



TOTALFLOW
Products

ACTION	DOC TYPE	TITLE	DWG NO.	REV	SHEET
L36328	UD	RMC (2105350 BOARD) COMM (RS485) TO IMV25 & ABB 266J W/RTD	2105580	AA	1 OF 1