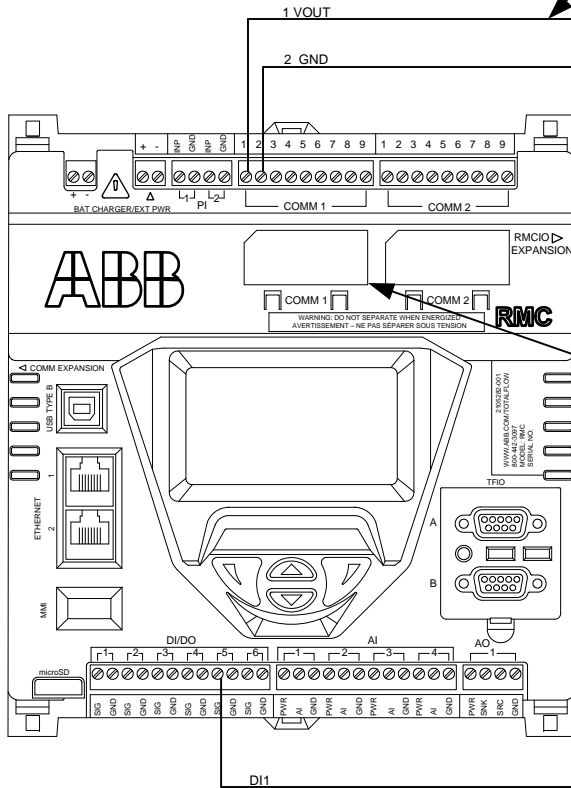


NOTES:

- 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.

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.

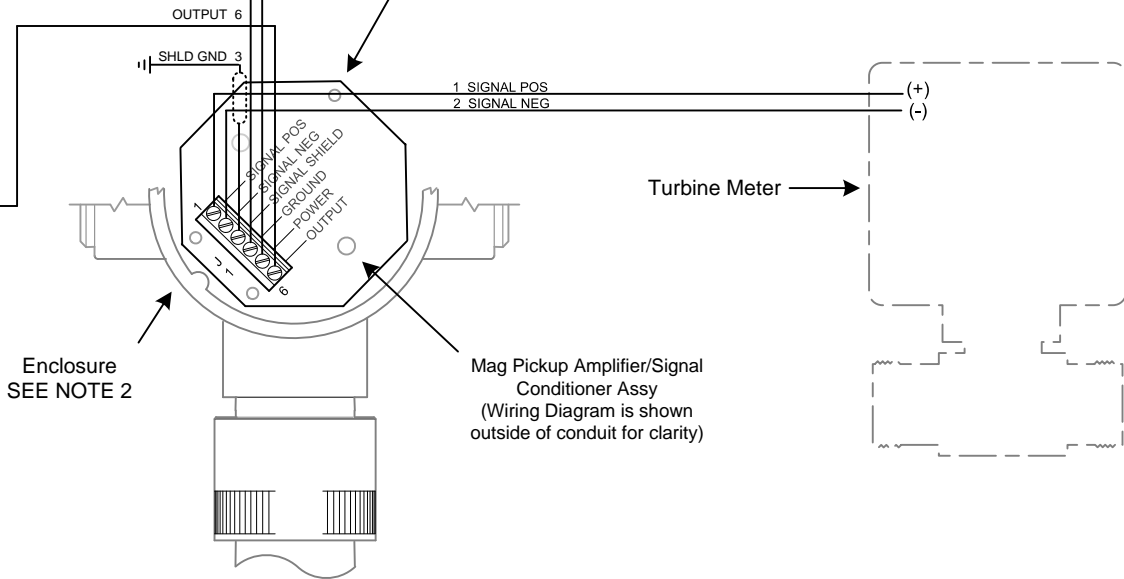
| RMC COMM PORT PINOUTS | | | |
|-----------------------|-------------------------------|-------------------------------|-------------------------------|
| PIN | RS-232 | RS-422 | RS-485 |
| 1 | Voltage Out (VOUT) | Voltage Out (VOUT) | Voltage Out (VOUT) |
| 2 | Ground (GND) | Ground (GND) | Ground (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

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.

The Mag-Pickup Amplifier takes very low-level sine waves and converts them to high-level pulses of the same frequency.



- To access termination board, remove the enclosure front cover.
- 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.

Enclosure SEE NOTE 2

Mag Pickup Amplifier/Signal Conditioner Assy (Wiring Diagram is shown outside of conduit for clarity)

Turbine Meter

REF: 2100524-WI