NOTES:

1. Prior to any installation in a classified hazardous location, verify installation methods by the Control Drawing referenced on the product's name tag.
2. To access the LevelMaster board, remove the enclosure top cover.
3. Only one host flow computer is allowed in this configuration.

EXCEPTION:
If a B&B RS-485/232 Converter or a Totalflow RS-485/232 Converter Assy W/Cable (P/N 2100241-002) is used, Do Not Jumper 7 & 8, or 9 & 10.

JP1
Pin 13 only
Pin 11 only
Jumper 9 & 10
Jumper 5 & 6
Pin 3 only
Pin 1 only

JP1
Pin 13 only
Pin 11 only
Jumper 9 & 10
Jumper 5 & 6
Pin 3 only
Pin 1 only

I.S. Barrier Enclosure
P/N 2100339-001 (Group D)
P/N 2100339-002 (Group C,D)

SHLD GND

If the LevelMaster board is the last device on the RS-485 buss, or if it is the
only device, set its jumpers to match.

If the LevelMaster board is an intermediate
device, and not the last device on the RS-
485 buss, set its jumpers to match.

Cable
P/N 2011648-001

Levemaster Bd
2018546-003

RS-485 Communications Module
Totalflow P/N 2015193-002/003

J10
To terminate the buss on the XRC Board, jumper J10 Pin-1 to Pin-2

Sealed Conduit Fittings

Approved Cable Fittings
(Wiring shown outside of conduit for clarity)

4. The RS-485 buss must be wired in a daisy-chain configuration. Star configurations are not allowed.
5. Maximum accumulated length for the RS-485 buss is 4000 feet, or a maximum of 10 LevelMaster units on the buss are allowed (without barriers), but not both. If barriers are used, the same holds true for 4 LevelMaster units.
6. The LevelMaster application must be instantiated in the XRC board by X-series setup software, such as PCCU32.