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.

To terminate the buss on the XRC Board, jumper J11 Pin-1 to Pin-2

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

Pin 13 only
Pin 11 only
Jumper 9 & 10
Pin 7 only
Jumper 5 & 6
Pin 3 only
Pin 1 only

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

Pin 13 only
Pin 11 only
Jumper 9 & 10

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.

The RS-485 buss must be wired in a daisy-chain configuration. Star configurations are not allowed.

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.

The LevelMaster application must be instantiated in the XFC board by X-series setup software, such as PCCU32.

XFC Board
2100204-001

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

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