

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.

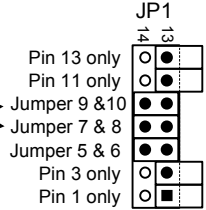
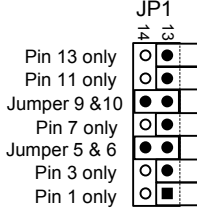
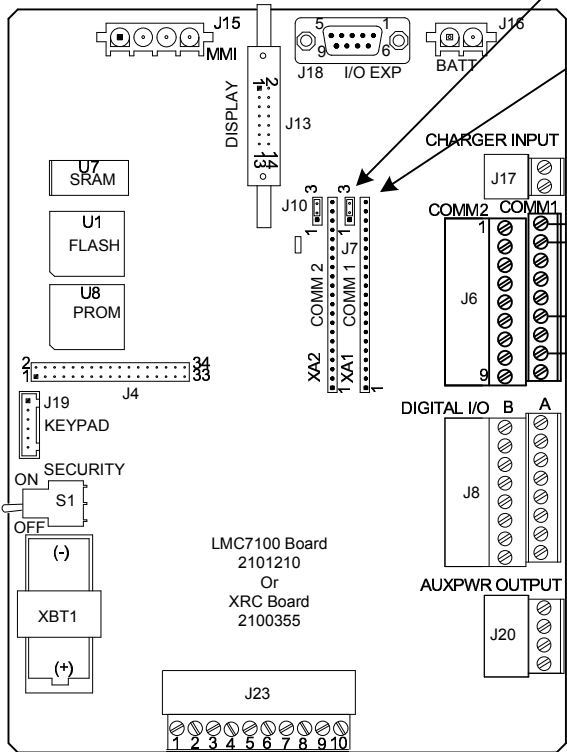


To terminate the buss on the XRC Board, jumper J7 Pin-1 to Pin-2

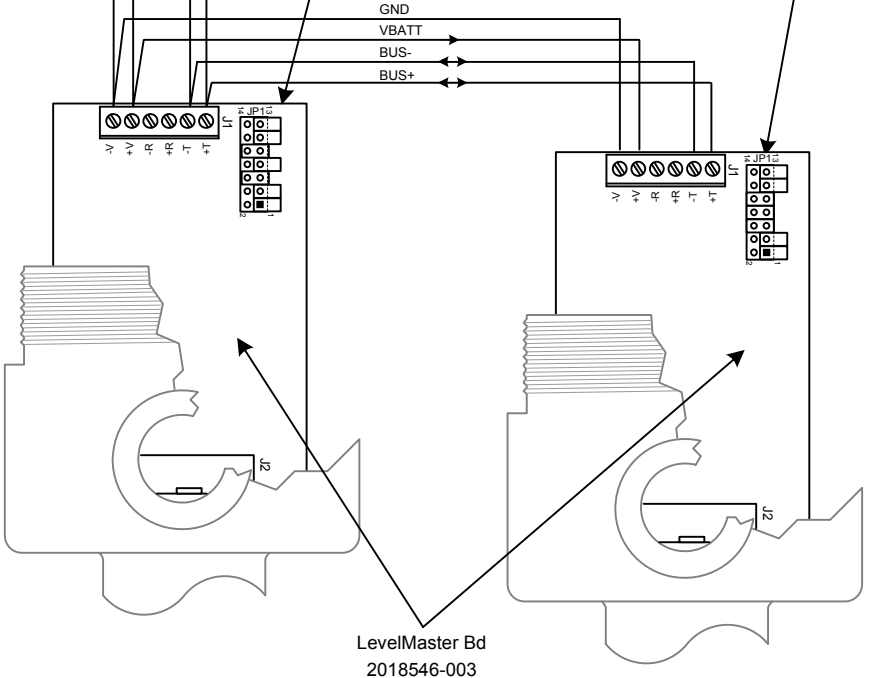
RS-485 Communications Module  
Totalflow P/N 2015193-002/003

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

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:



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.



3. The RS-485 buss must be wired in a daisy-chain configuration. Star configurations are not allowed.
4. 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.
5. The LevelMaster application must be instantiated in the LMC7100 or XRC board by X-series setup software, such as PCCU32.

REF: N/A

ABB	TOTALFLOW Products	ACTION	DOC TYPE	TITLE	DWG NO.	REV	SHEET
		L17671	UD	LMC7100 (2101210 BD)/XRC (2100355 BD) COMM1 (RS-485) TO LEVELMASTER (2018546 BD)	2102366	AA	1 OF 1