NOTES:
1. WARNING
Using a non-factory RS485 data cable between UCI2 and first unit may result in
damage and may void system warranty.
2. All installations in hazardous locations must
comply with requirements of Certification
Drawing 2015246-CD.
3. For switched power or to enable Power
Scheduler for UCI2, remove the jumper from
1 to 9 on P1 of UCI2.
4. Maximum length of RS485 bus is 4000 Ft.
   @9600 baud using Totalflow cable P/N
   2011648-001 or equivalent.
5. No Star Configurations.

6. Cable Shielding – Cable segments between units
   should have their shields terminated on one end
   only. The RS-485 Cable (P/N 2011648-001) has
two shields, each with its own drain wire. When
connecting multiple units together, connect the
two drain wires on the first unit to one of the two
ground screws on the bottom left-hand side of
the enclosure. Cut the cable and terminate the
wiring on the second unit but do not connect the
drain wires. On the next segment between the
second and third units, connect the two drain
wires to the second unit but not to the third unit.
Repeat this process until all units are wired.

J1 & J5 are the
same line, J4
providing a RJ-11
phone jack and
P5 providing for
discrete wiring.

To phone company
if using phone line.
See phone company for
recommendations on
surge equipment.

uFLO Board
2100767-001

Totalflow RS-485 Cable
P/N 2011648-001
(See Notes 4, 5 & 6)

Typical UCI2
Mounting Position &
Repositioned
Below For Clarity

Totalflow Cable
P/N 2012535-004

First Unit

Intermediate Units

Last Unit

Jumper 1 to 2 on J2 to
terminate last unit on bus.

Jumper 2 to 3 on J2 for first
and intermediate units.
or
If the first unit is the only unit,
jumper 1 to 2 to terminate.

RS-485 Comm Term Bd
P/N 2101059-001
or
P/N 2100888-001

REFERENCE: 2101058-WI