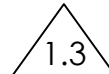


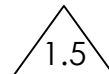
1.0 NOTES:

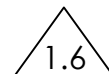
1.1 IN ORDER TO COMPLY WITH C/US CERTIFICATION FOR DIV 2, HAZARDOUS AREA, ONLY THOSE ITEMS SPECIFICALLY LISTED CAN BE USED AND MUST BE USED ONLY AS SHOWN.

1.2 WARNING - EXPLOSION HAZARD - SUBSTITUTION OF COMPONENTS MAY IMPAIR SUITABILITY FOR CLASS 1, DIVISION 2.

 1.3 WARNING - EXPLOSION HAZARD - DO NOT USE CONNECTOR(S) UNLESS THE AREA IS KNOWN TO BE NON-HAZARDOUS.

1.4 SEE OPERATORS MANUAL FOR OPTIONAL EQUIPMENT WIRING INSTRUCTIONS.

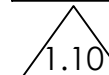
 1.5 CUSTOMER SUPPLIED EQUIPMENT MUST BE CERTIFIED FOR USE IN THE CLASSIFIED HAZARDOUS LOCATION IN WHICH IT IS INSTALLED.

 1.6 CUSTOMER SUPPLIED EQUIPMENT MUST BE INSTALLED ACCORDING TO THE MANUFACTURERS INSTALLATION INSTRUCTIONS AND THE NFPA 70 "NATIONALS ELECTRICAL CODE" OR THE "CANADIAN ELECTRICAL CODE", C22 PART 1.

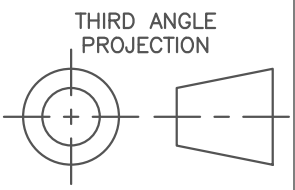

 1.7 CUSTOMER SUPPLIED EQUIPMENT MUST NOT USE OR GENERATE MORE THAN 250V WITH RESPECT TO GROUND.

 1.8 DEDICATED EARTHING ASSEMBLY, CONNECT TO SITE GROUNDING ELECTRODE.

 1.9 WIRING BY FIELD PERSONNEL.

 1.10 WARNING:
THE UFLO MODELS DESIGNATED AS "G4" HAVE A MAXIMUM TEMPERATURE OF 80°C.
THE UFLO MODELS DESIGNATED AS "G5" HAVE A MAXIMUM TEMPERATURE OF 70°C.

END PRODUCT APPROVED BY TEST AGENCIES FOR USE IN HAZARDOUS AREAS.
NO CHANGES ALLOWED WITHOUT APPROVAL OF AUTHORIZED PERSON(S)
IDENTIFIED BY DRAWING 2101982-AI.

DO NOT SCALE DRAWING  THIRD ANGLE PROJECTION	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: DECIMAL ANGULAR .XX ± -- ± -- .XXX ± ---	PRODUCT LINE TOTALFLOW®	LEVEL 3	 TOTALFLOW Products							
		DESIGN D. ADAMS	DATE 12/02/06					TITLE INSTALLATION,UFLO,DIV 2,C/US,85/70C			
BREAK ALL SHARP CORNERS AND EDGES DIMENSIONS APPLY BEFORE FINISH		DRAWN B. LEMENS	12/02/06	CHECKED D. ADAMS	12/02/06	SCALE NONE	SIZE B	DOC TYPE CD	DRAWING NO. 2104615-CD	REV AC	SHEET 1 OF 6


2.0 SPECIFICATION

2.1 MODEL NO. CONFIGURATION FOR UFLO

MODEL 6210Y -	1	2	3	4	5	6	-	8	9	10	11	-	-	-	-	-	-	-	20	-	-	-	-	-	26	-	-	-	-	-	-	-	-	50	64	90
MODEL 6213Y -	1	2	3	4	5	6	-	8	9	10	11	12	13	-	-	-	-	-	20	-	-	-	-	-	26	-	-	-	-	-	-	-	-	50	64	90

- 1. CERTIFICATION
- 2. ENCLOSURE
- 3. ELECTRONIC BOARD
- 4. AMU ASSEMBLY
- 8. MOUNTING KIT (CERTIFICATION NOT APPLICABLE)
- 10. SPECIAL (NOT APPLICABLE)
- 11. RTD PROBE ASSY
- 20. COMMUNICATIONS MODULE
- 26. PRODUCT IDENTIFIER
- 50. XFC/XRC FIRMWARE (CERTIFICATION NOT APPLICABLE)
- 64. MEMORY CARD (CERTIFICATION NOT APPLICABLE)
- 90. MAN/MACHINE INTERFACE OPTION
- 100. APPROVED OPTIONAL EQUIPMENT (NOT PART OF MODEL NO.)

1 CERTIFICATION 

 CLASS I, DIVISION 2, GROUPS C,D, T3, -40°C (-40°F) TO 85°C (185°F), TYPE 3R
OR
CLASS I, DIVISION 2, GROUPS C,D, T3, -40°C (-40°F) TO +70°C (158°F), TYPE 3R

2 ENCL ASSY W/DISPLAY

- 2.1 6213 ENCLOSURE
 - 2.1.1 2104452-001 ENCL W/2101771-004 STD DOOR (HOFFMAN OR VEER-O-METALS)
- 2.2 6210 ENCLOSURE
 - 2.2.1 2100997-001 ENCL W/2102975-001 STD DOOR (HOFFMAN OR VEER-O-METALS)

3 ELECTRONIC BOARD OPTIONS 

- 3.1 2104356-001 UFLO G4 IMV PCBA W/2102427-001 OR 2103639-001,-002 EC2410 PROCESSOR CARD (85°C)
- 3.2 2104939-001 AM335X G5 UFLO, PCBA (70°C)
- 3.3 2108238-(-001 THRU 008) OSC335X C-SIP G5 UFLO PCBA(70°C)
- 3.4 2108246-(-001 THRU 008) OSD335x G5 uFLO PCBA (70°C)

4 MEASUREMENT UNIT ASSEMBLY

- 4.1 SENSOR INTERFACE
 - 4.1.1 2103641-001,-002 RAW SENSOR SIGNAL DIGITIZING PCBA
 - 4.1.2 2104742-002, -003 RAW SENSOR BUFFERED SW.RTD REF PCBA
- 4.2 MULTIVARIABLE ASSEMBLY
 - 4.2.1 2102127-XXX XDCR, DP/AP, OPTIMIZED ABB MINDEN T2000M
 - 4.2.2 2102949-XXX XDCR, DP, FOXBORO IAMV W/BSHG
 - 4.2.3 2103101-XXX XDCR, DP, LIQUID, FOXBORO IAMV W/BSHG
- 4.3 AP TRANSDUCER
 - 4.3.1 2105103-001,-002 SENSYM ICT 1234-L8889-nnn (nnn IS PRESSURE RANGE)
 - 4.3.2 2105103-XXX DRUCK PDCR 1000-8277-nnnn (nnnn IS PRESSURE RANGE)

11 RTD PROBE OPTION

11.1 WITHOUT OPTION

11.2 2011905-011 THRU -016 RTD PROBE, SST ARMOR, 50FT MAX

11.3 2011905-021 THRU -026 RTD PROBE, SST MESH, 50FT MAX

20 COMMUNICATION / I/O MODULE

20.1 WITHOUT OPTION

20.2 2104395-001 I/O OPTION 1 (COMMUNICATIONS) PCBA

64 MEMORY CARD OPTION

64.1 uSD MEMORY CARD

90 MAN / MACHINE INTERFACE OPTION

90.1 USB TYPE A CONN (1802999-001) W/CAP (1803005-001)

90.2 USB TYPE B CONN (1803001-001) W/CAP (1803005-001)

90.3 ETHERNET, CAT5E CONN (1803071-001) W/CAP (1803005-001)

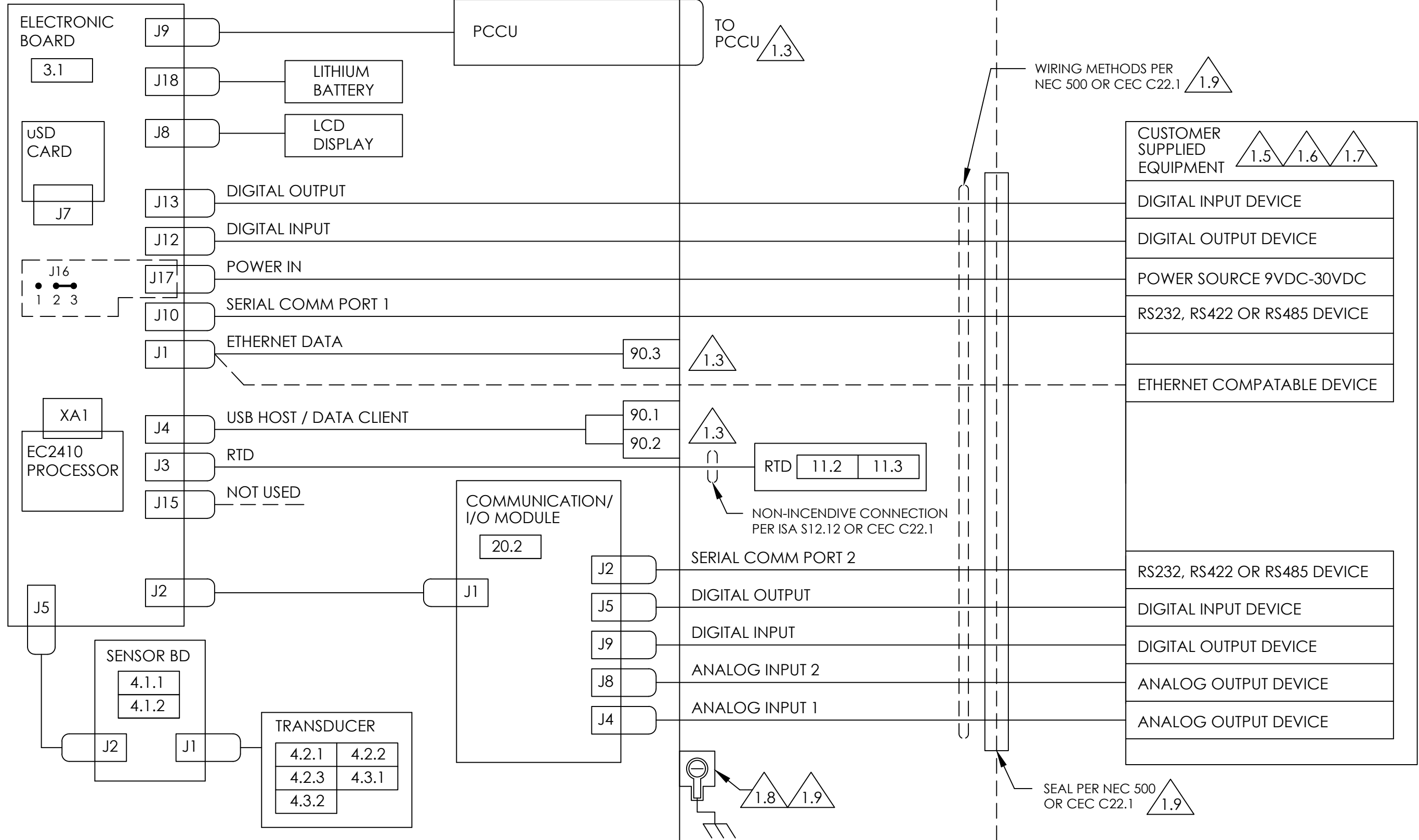
MODEL 6210, 6213 (85°C)
ENCLOSURE

2.1.1 2.2.1



HAZARDOUS AREA
CLASS I, DIV 1, GROUPS C, D

HAZARDOUS AREA
CLASS I, DIV 2, GROUPS C, D
CLASS I, ZONE 2, II B
OR
NON-HAZARDOUS AREA



WIRING METHODS PER
NEC 500 OR CEC C22.1 1.9

CUSTOMER
SUPPLIED
EQUIPMENT 1.5 1.6 1.7

- DIGITAL INPUT DEVICE
- DIGITAL OUTPUT DEVICE
- POWER SOURCE 9VDC-30VDC
- RS232, RS422 OR RS485 DEVICE
- ETHERNET COMPATIBLE DEVICE
- RS232, RS422 OR RS485 DEVICE
- DIGITAL INPUT DEVICE
- DIGITAL OUTPUT DEVICE
- ANALOG OUTPUT DEVICE
- ANALOG OUTPUT DEVICE

NON-INCENDIVE CONNECTION
PER ISA S12.12 OR CEC C22.1

SEAL PER NEC 500
OR CEC C22.1 1.9

MODEL 6210, 6213 (70°C)
ENCLOSURE

2.1.1 2.2.1

HAZARDOUS AREA
CLASS I, DIV 1, GROUPS C, D

HAZARDOUS AREA
CLASS I, DIV 2, GROUPS C, D
CLASS I, ZONE 2, II B
OR
NON-HAZARDOUS AREA

