THIS IS CONFIDENTIAL AND PROPRIETARY INFORMATION BELONGING TO ABB INC.

1.0 NOTES:

1.1 IN ORDER TO COMPLY WITH CERTIFICATION FOR POTENTIALLY EXPLOSIVE ATMOSPHERES, THOSE ITEMS LISTED MUST BE USED ONLY AS SHOWN.

1.2 WARNING: EXPLOSION HAZARD - DO NOT REMOVE COVERS UNLESS THE AREA IS KNOWN TO BE NON-HAZARDOUS.

1.3 WARNING: THE 1/2 INCH NPT OPENING IN THE BOTTOM SIDE OF THE ENCLOSURE IS FOR USE WITH APPROVED NPT PLUG OR BREATHER/DRAIN ONLY.

1.4 WARNING - EXPLOSION HAZARD - DO NOT REMOVE COVER OR USE CONNECTOR UNLESS THE AREA IS KNOWN TO BE NON-HAZARDOUS.

1.5 DEDICATED EARTHING ASSEMBLY. CONNECT TO SITE GROUNDING ELECTRODE.

1.6 WIRING BY FIELD PERSONNEL.

1.7 3/4 INCH NPT AND 1 INCH NPT THREADED CONDUIT OPENINGS. USE ONLY ATEX APPROVED CABLE GLANDS, ATEX APPROVED STOPPING PLUGS OR ATEX APPROVED STOPPING BOXES.

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

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

1.10 CUSTOMER SUPPLIED EQUIPMENT MUST BE INSTALLED ACCORDING TO THE MANUFACTURERS INSTALLATION INSTRUCTIONS.

END PRODUCT APPROVED FOR USE IN POTENTIALLY EXPLOSIVE ATMOSPHERES.
NO CHANGES ALLOWED WITHOUT APPROVAL OF AUTHORIZED PERSON(S) IDENTIFIED BY DRAWING 2101982-AI.

<table>
<thead>
<tr>
<th>ASSEMBLY/QUANTITY</th>
<th>ITEM NO.</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>REF/ZONE DESIGN</th>
<th>UNIT</th>
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TOTALFLOW®

ABB

CERTIFICATION DRAWING
CONTROL DRAWING, XFC0200EX, Ex d, ATEX
C.D.

SCALE 3
NONE

2102333 AB 1 7
### 2.0 SPECIFICATION

#### 2.1 MODEL NO. CONFIGURATION

Model number may be preceded by the alpha characters: "UFL", "FCU", "XFC", "XFC-G4", or "G4" or printed without any alpha character preceding the numbers.

| MODEL 6200 F | 1 | 2 | 3 | 4 | ·· | 8 | ·· | 10 | ·· | ·· | 16 | 17 | ·· | ·· | ·· | ·· | 24 | ·· | ·· | ·· | ·· | 50 | 55 | 56 | 68 |
| MODEL 6201 F | 1 | 2 | 3 | 4 | ·· | 8 | ·· | 10 | ·· | ·· | 16 | 17 | ·· | ·· | ·· | ·· | 24 | ·· | ·· | ·· | ·· | 50 | 55 | 56 | 68 |

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1. CERTIFICATION
2. ENCLOSURE
3. ELECTRONIC BOARD
4. MEASUREMENT UNIT ASSEMBLY
8. MOUNTING KIT (CERTIFICATION NOT APPLICABLE)
10. SPECIAL (CERTIFICATION NOT APPLICABLE)
16. I/O OPTION
17. TERM BD OPTION (CERTIFICATION NOT APPLICABLE)
26. PRODUCT IDENTIFIER (CERTIFICATION NOT APPLICABLE)
50. XFC/XRC Firmware (CERTIFICATION NOT APPLICABLE)
55. PCCU OPTION
56. DISPLAY OPTION
MARKINGS -
ATEX CERTIFIED PRODUCTS ARE MARKED WITH THE FOLLOWING:

"YYYY" DESIGNATES THE YEAR PRODUCT WAS MANUFACTURED.

TOTALFLOW Products
MADE IN U.S.A.

WARNING: DO NOT OPEN WHEN AN EXPLOSIVE ATMOSPHERE MAY BE PRESENT.

AMBIENT TEMPERATURE: -40°C TO 40°C
POWER REQUIREMENTS: 24...240 VAC 50/60 Hz

MODEL NO:
SERIAL NO:

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WARNING: DO NOT OPEN WHEN AN EXPLOSIVE ATMOSPHERE MAY BE PRESENT.

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POWER REQUIREMENTS: 24...240 VAC 50/60 Hz

MODEL NO:
SERIAL NO:

IP53 RATED ENCLOSURES HAVE A BREather/Drain LOCATED ON THE LOWER LEFT SIDE.

IP66 RATED ENCLOSURES HAVE A STOPPING PLUG LOCATED ON THE LOWER LEFT SIDE.
CERTIFICATION
Ex db II B, T6, Gr T amb = -40°C TO +60°C, CE 0518 II 2 G SIRA 15ATEX1248X

ENCL ASSY
2.1 2101820 SANDCAST ENCLOSURE, XFC4200EX II (ADALET)
2.2 2104765-001 SANDCAST ENCL ASSY 45mm (GUPTA)

ELECTRONIC BD OPTION
3.1 2103342-001 MOTHERBOARD, 6200EX, G4 W/2102427-001 EC2410 PROCESSOR CARD OR 2103639 EC2410 PROCESSOR CARD 32MB/64MB (INCLUDES: 1801337-001 TADRAN LITHIUM BATTERY 3.6V 2.1AH TL-5242/W)

MEASUREMENT UNIT ASSY
4.1 ELECTRONIC ASSY
4.1.1 2101471-001 EX FLOW COMPUTER PCBA (INCLUDES: 1801337-001 TADRAN LITHIUM BATTERY 3.6V 2.1AH TL-5242/W)
4.1.2 2103098-001 EX FLOW COMPUTER (M) PCBA (INCLUDES: 1801337-001 TADRAN LITHIUM BATTERY 3.6V 2.1AH TL-5242/W)
4.1.3 2103107-001 EX FLOW COMPUTER REDUCED RANGE PCBA (INCLUDES: 1801337-001 TADRAN LITHIUM BATTERY 3.6V 2.1AH TL-5242/W)

4.2 MULTIVARIABLE TRANSDUCER
4.2.1 2101465-XXX ABB MINDEN T2000EX, DP/AP
4.2.2 2102128-XXX ABB MINDEN, DP/AP, EX, OPTIMIZED
4.2.3 2101901-XXX ABB MINDEN, AP, EX
4.2.4 2102182-XXX FOXBORO (EX) XDCR

4.3 SENSOR INTERFACE
4.3.1 2103641 RAW SENSOR SIGNAL DIGITIZING BD
4.3.2 2104742 RAW SENSOR BUFFERED SIGNAL DIGITIZING BD
I/O OPTION

16.1 2102458-001 EX/I/O DAUGHTER CARD

TERM BD OPTION

17.1 2101873-001 EX TERMINATION BD II, XFC6200EX PCBA
17.2 2103344-001 32 BII POWER/TERM, 6200EX, G4, PCBA

PCCU OPTION

55.1 2101667-001 INTERNAL PCCU CONNECTOR (EXTERNAL PCCU ENTRY FITTED WITH PLUG 2101519-001)
55.2 2101416 EXTERNAL PCCU CONNECTOR HOUSING, FLAMEPROOF

DISPLAY OPTION

56.1 2101650-001 DISPLAY ASSY, 16 X 4 LCD, HANDTRONIX