



Excellence in Compliance Testing

Certification Exhibit

**FCC ID: SDBCPTP100
IC: 2220A-CPTP100**

**FCC Rule Part: CFR 47 Part 24 Subpart D, Part 101, Subpart C
IC Radio Standards Specification: RSS 119, RSS 134**

ACS Project Number: 15-3054

Manufacturer: Sensus Metering Systems, Inc.
Model: CPTP100

Label



NOTES:

1. PART APPROVAL REQUIREMENTS:
 - A. ALL FEATURES DIMENSIONED ON THE DRAWING REQUIRE FAI MEASUREMENTS AS DETAILED IN QMS0059 PRIOR TO PRODUCTION RUN APPROVAL. ALL DIMENSIONS APPLY BEFORE DECORATION IF APPLICABLE.
 - B. DIMENSIONS MARKED AS "CTQ" ARE "CRITICAL TO QUALITY" AND REQUIRE CPK MEASUREMENTS AS DETAILED IN QMS0059 PRIOR TO PRODUCTION RUN APPROVAL.
 - C. DIMENSIONS IN OVALS AND MARKED AS "SPC" ARE TO BE USED FOR STATISTICAL PROCESS CONTROL AS DETAILED IN QMS0059.
 - D. REFERENCE DIMENSIONS, MARKED WITH PARENTHESIS, ARE FOR REFERENCE ONLY AND DO NOT REQUIRE FAI MEASUREMENTS UNLESS REQUESTED.

2. MATERIAL
 - A. ALL MATERIALS USED MUST BE REACH AND RoHS COMPLIANT (SUBSTRATE AND GRAPHICS)
 - B. LABEL SUBSTRATE - 3M FM041902 (.002") WITH CLEAR LAMINATE (.001") APPLIED AFTER GRAPHICS

3. DECORATION

- A. COLOR - WHITE BACKGROUND WITH BLACK TEXT
- B. GLOSS LEVEL - MATTE
- C. FONT

D. THE ARTWORK IS TO BE APPROVED BY SENSUS

4. TOOLING
 - A. MODIFICATIONS TO APPROVED TOOL REQUIRE APPROVAL FROM SENSUS ENGINEERING
 - B. SAMPLE PARTS SHOULD BE SUBMITTED TO SENSUS ENGINEERING PRIOR TO PRODUCTION RUN APPROVAL.

ATTENTION:
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

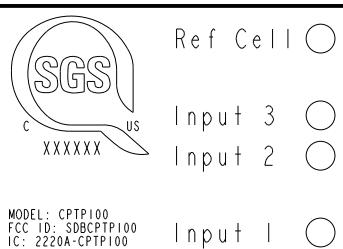
V_{max}=5.0VDC I_{max}=1.25uA C_i = 0uF L_i = 0uH REF CELL (-)

V_{max}=5.0VDC I_{max}=1.25uA C_i = 0uF L_i = 0uH Analog Input 3 (+)

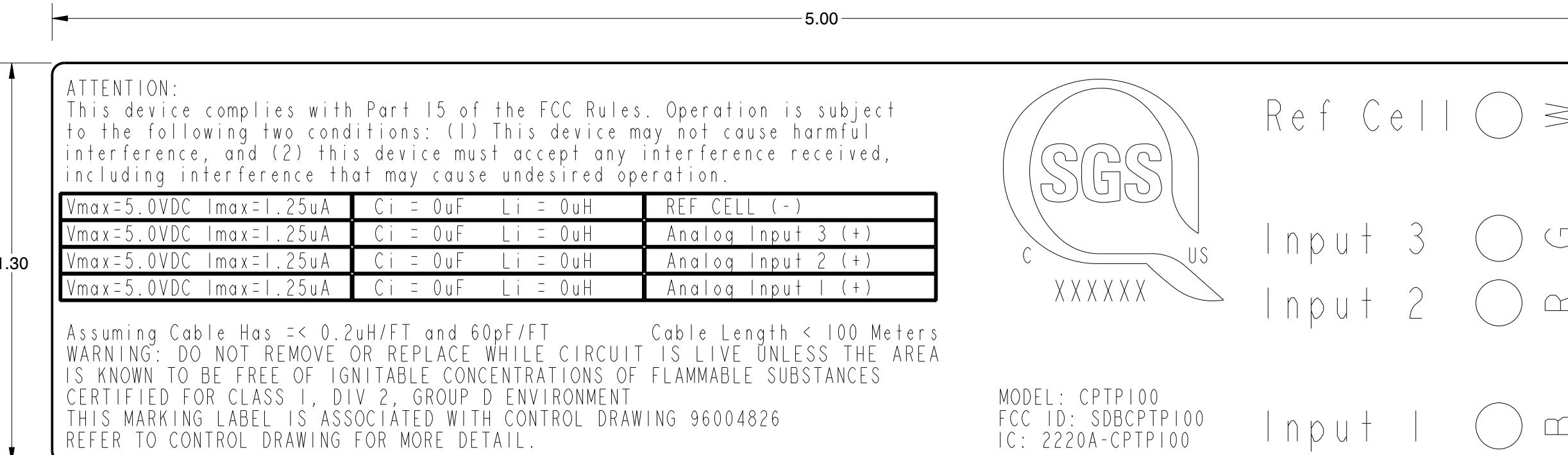
V_{max}=5.0VDC I_{max}=1.25uA C_i = 0uF L_i = 0uH Analog Input 2 (+)

V_{max}=5.0VDC I_{max}=1.25uA C_i = 0uF L_i = 0uH Analog Input 1 (+)

Assuming Cable Has < 0.2uH/FT and 60pF/FT Cable Length < 100 Meters
WARNING: DO NOT REMOVE OR REPLACE WHILE CIRCUIT IS LIVE UNLESS THE AREA IS KNOWN TO BE FREE OF IGNITABLE CONCENTRATIONS OF FLAMMABLE SUBSTANCES CERTIFIED FOR CLASS 1, DIV 2, GROUP D ENVIRONMENT THIS MARKING LABEL IS ASSOCIATED WITH CONTROL DRAWING 96004826 REFER TO CONTROL DRAWING FOR MORE DETAIL.



SCALE 1.000



CREATION DATA DATE FORMAT - YYYY.MM.DD		ALL DIMENSIONS ARE IN MILLIMETERS REFERENCE ASME Y14.5 2009				TITLE	PROJECT	LIFECYCLE STATE	
CREATED BY:	RPM	UNLESS OTHERWISE SPECIFIED, TOLERANCES TO BE:	ANGLES	X	XX	XXX			
CREATED ON:	2015.12.04		± .50°	± 1.00	± .25	± .100	CHANGE DATA DATE FORMAT - YYYY.MM.DD	MATERIAL / PART SUPPLIER	SEE NOTE 2
APPROVED BY:		ECN:					CHANGED BY:	MATERIAL TYPE	SEE NOTE 2
APPROVED ON:		CHANGED ON:					APPROVED BY:	SUPPLIER PART NUMBER	N/A
							APPROVED ON:	SENSUS MATERIAL PART NUMBER	N/A
								MASS	2345.17 g
								VOLUME	.06 mm ³
								MOLD REVISION	N/A
							CHANGE DESCRIPTION:		

SENSUS
CPTP SPECIFICATION LABEL
CPTP
Design
Drawing Number
96004745

Third Angle Projection
Sheet Size B
Revision 0
Sheet 1 OF 1
Scale 2.50

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5396310139113 CPTP SPECIFICATION LABEL
SENSUS PART NUMBER DESCRIPTION