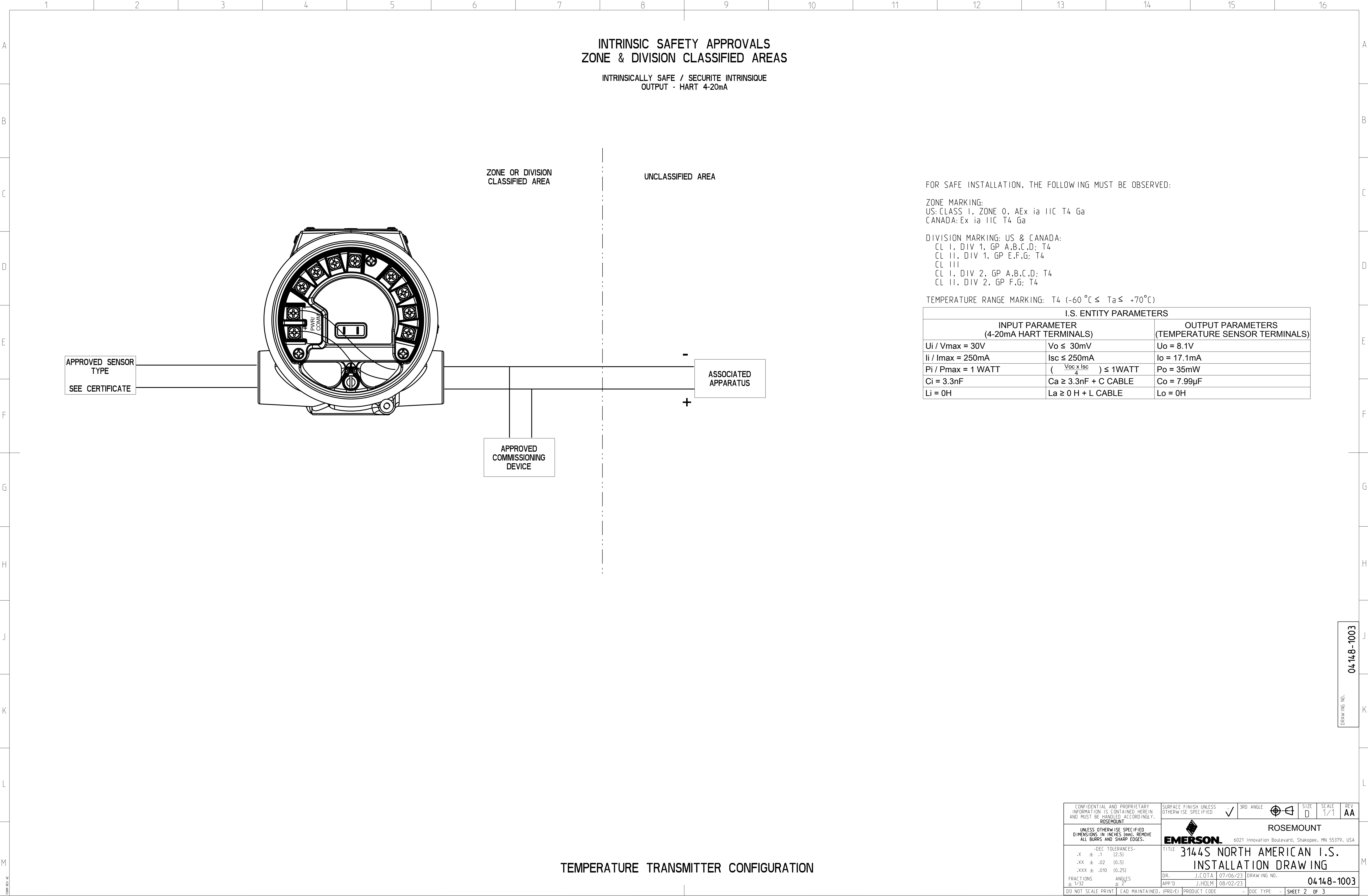


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A	<table><tr><td colspan="4">REVISION TABLE</td></tr><tr><td>REVISION</td><td>ECO NO.</td><td>APP'D</td><td>DATE</td></tr><tr><td>AA</td><td>RTC1085677</td><td>P.K.</td><td>07/17/25</td></tr><tr><td colspan="4">DESCRIPTION</td></tr><tr><td colspan="4">UPDATE FOR FINAL SUBMITTAL</td></tr></table>															REVISION TABLE				REVISION	ECO NO.	APP'D	DATE	AA	RTC1085677	P.K.	07/17/25	DESCRIPTION				UPDATE FOR FINAL SUBMITTAL				A
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E	INSTALLATION INSTRUCTIONS FOR ZONE & DIVISION CLASSIFIED LOCATIONS 3144S TEMPERATURE TRANSMITTER															E																				
F	GENERAL NOTES: 1. ENTITY PARAMETERS LISTED APPLY TO ASSOCIATED APPARATUS WITH RESISTIVELY LIMITED OUTPUT. 2. US INSTALLATION SHOULD BE IN ACCORDANCE WITH CURRENT EDITION OF NATIONAL ELECTRICAL CODE (NEC), NFPA 70 AND ANSI/ISA RP12.06.01. "INSTALLATION OF INTRINSICALLY SAFE SYSTEMS FOR HAZARDOUS (CLASSIFIED) LOCATIONS" WHERE APPLICABLE. 3. CANADIAN INSTALLATION SHOULD BE IN ACCORDANCE WITH CURRENT EDITION OF CANADIAN ELECTRICAL CODE (CEC). 4. THIS DRAWING HAS BEEN SUBMITTED FOR THIRD PARTY APPROVAL. NO REVISION TO THIS DRAWING WITHOUT THIRD PARTY APPROVAL. 5. ASSOCIATED APPARATUS MANUFACTURER'S INSTALLATION DRAWING MUST BE FOLLOWED WHEN INSTALLING THIS EQUIPMENT. 6. DUST-TIGHT CONDUIT SEAL MUST BE USED WHEN INSTALLED IN CLASS II/III ENVIRONMENTS. 7. CONTROL EQUIPMENT CONNECTED TO ASSOCIATED APPARATUS MUST NOT USE OR GENERATE MORE THAN 250VRMS OR VDC. 8. RESISTANCE BETWEEN INTRINSICALLY SAFE GROUND AND EARTH GROUND MUST BE LESS THAN 1.0Ω. 9. WARNING - SUBSTITUTION OF COMPONENTS MAY IMPAIR INTRINSIC SAFETY. AVERTISSEMENT - LA SUBSTITUTION DE COMPOSANTS PEUT COMPROMETTRE LA SÉCURITÉINTRINSÈQUE. 10. WARNING - EXPLOSION HAZARD - DO NOT CONNECT WHILE CIRCUIT IS LIVE UNLESS AREA IS KNOWN TO BE NONHAZARDOUS. AVERTISSEMENT - RISQUE D'EXPLOSION. NE PAS DEBRANCHER TANT QUE LE CIRCUIT EST SOUS TENSION. A MOINS QU'IL NE S'AGISSE D'UN EMPLACEMENT NON DANGEREUX. 11. THE ENTITY CONCEPT ALLOWS INTERCONNECTION OF INTRINSICALLY SAFE APPARATUS WITH ASSOCIATED APPARATUS WHEN THE FOLLOWING IS TRUE: Vmax or Ui ≥ Voc or Vt or Uo Imax or Ii ≥ Isc or It or Io Pmax or Pi ≥ Po Ca ≥ Ci + Ccable La ≥ Li + Lcable 12. TOTAL CAPACITANCE AND INDUCTANCE APPLIED TO ALL SENSOR TERMINALS COMBINED MAY NOT EXCEED A TOTAL OF Co OR Lo RESPECTIVELY. 13. NOTICE: WHERE MUTIPLE TYPES OF PROTECTION ARE PRESENT ON A LABEL, ONLY ONE TYPE MAY BE SELECTED FOR INSTALLATION. THE USER SHALL PERMANENTLY MARK THE TYPE OF PROTECTION CHOSEN FOR THE SPECIFIC INSTALLATION. ONCE THE TYPE OF PROTECTION HAS BEEN MARKED IT SHALL NOT BE CHANGED.															F																				
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M	CONFIDENTIAL AND PROPRIETARY INFORMATION IS CONTAINED HEREIN AND MUST BE HANDLED ACCORDINGLY. ROSEMOUNT UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES (mm). REMOVE ALL BURRS AND SHARP EDGES. -DEC TOLERANCES- .X ± .1 (2.5) .XX ± .02 (0.5) .XXX ± .010 (0.25) FRACTIONS ± 1/32 ANGLES ± 2° SURFACE FINISH UNLESS OTHERWISE SPECIFIED ✓ 3RD ANGLE SIZE D SCALE 1/1 REV AA ROSEMOUNT 6021 Innovation Boulevard, Shakopee, MN 55379, USA TITLE 3144S NORTH AMERICAN I.S. INSTALLATION DRAWING DR. J.COTA 07/06/23 APP'D J.HOLM 08/02/23 DRAWING NO. 04148-1003 DO NOT SCALE PRINT CAD MAINTAINED. (PRO/E) PRODUCT CODE - DOC TYPE - SHEET 1 OF 3															M																				

DRAWING NO.

04148-1003



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