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 INFORMATION IS CONTAINED
 HEREIN AND MUST BE
 HANDLED ACCORDINGLY

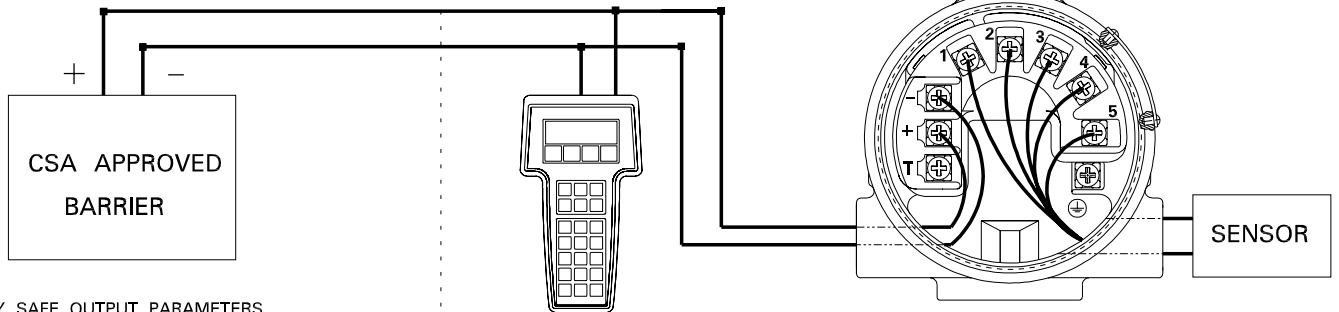
REVISIONS

REV	DESCRIPTION	CHG. NO.	APP'D	DATE
AA	NEW RELEASE	RTC1011243	D.B.	7/17/01

CSA INTRINSIC SAFETY APPROVAL CONFIGURATION
3144P CIRCUIT CONNECTION
WITH CSA APPROVED BARRIER
Exia
Intrinsically Safe/Sécurité Intrinsic

NON-HAZARDOUS AREA

HAZARDOUS AREA



INTRINSICALLY SAFE OUTPUT PARAMETERS

- 30 V or less
330 ohms or more
- 28 V or less
300 ohms or more
- 25 V or less
200 ohms or more
- 22 V or less
180 ohms or more

CLASS I, DIVISION 1, GROUPS A,B,C,D
 CLASS II, DIVISION 1, GROUPS E,F,G
 CLASS III, DIVISION 1, HAZARDOUS
 LOCATIONS

ROSEMOUNT 268
 OR 275 SMART
 FAMILY INTERFACE

**NOTE: CSA CERTIFIED
 FOR CLASS I, DIVISION 1,
 GROUPS A, B, C, D ONLY**

ROSEMOUNT MODEL 3144P

INTRINSIC SAFETY FOR:
 CLASS I, DIVISION 1, GROUPS A, B, C, D
 CLASS II, DIVISION 1, GROUPS E, F, G
 CLASS III, DIVISION 1 HAZARDOUS LOCATIONS
 AMBIENT TEMPERATURE LIMIT: -50°C TO +85°C

- 30 V or less
150 ohms or more

CLASS I, DIVISION 1, GROUPS C,D
 CLASS II, DIVISION 1, GROUPS E,F,G
 CLASS III, DIVISION 1, HAZARDOUS LOCATIONS

(HART ONLY)

WARNING: SUBSTITUTION OF COMPONENTS MAY IMPAIR INTRINSIC SAFETY.
AVERTISSEMENT: La Substitution de composants peut compromettre la securite intrinseque.

CAD MAINTAINED (MicroStation)

UNLESS OTHERWISE SPECIFIED
 DIMENSIONS IN INCHES [mm].
 REMOVE ALL BURRS AND
 SHARP EDGES. MACHINE
 SURFACE FINISH 125

CONTRACT NO.	
DR. NGA DOAN	6/29/01
CHK'D	
APP'D. D. BAUSCHKE	7/17/01
APP'D. GOVT.	



ROSEMOUNT®

8200 Market Boulevard • Chanhassen, MN 55317 USA

TITLE INSTALLATION DRAWING FOR:
 CSA INTRINSIC SAFETY APPROVAL
 CONFIGURATIONS FOR MODEL 3144P

SIZE A	FSCM NO	DWG NO. 03144-0322
SCALE N/A	WT.	SHEET 1 OF 1

Form Rev. AC