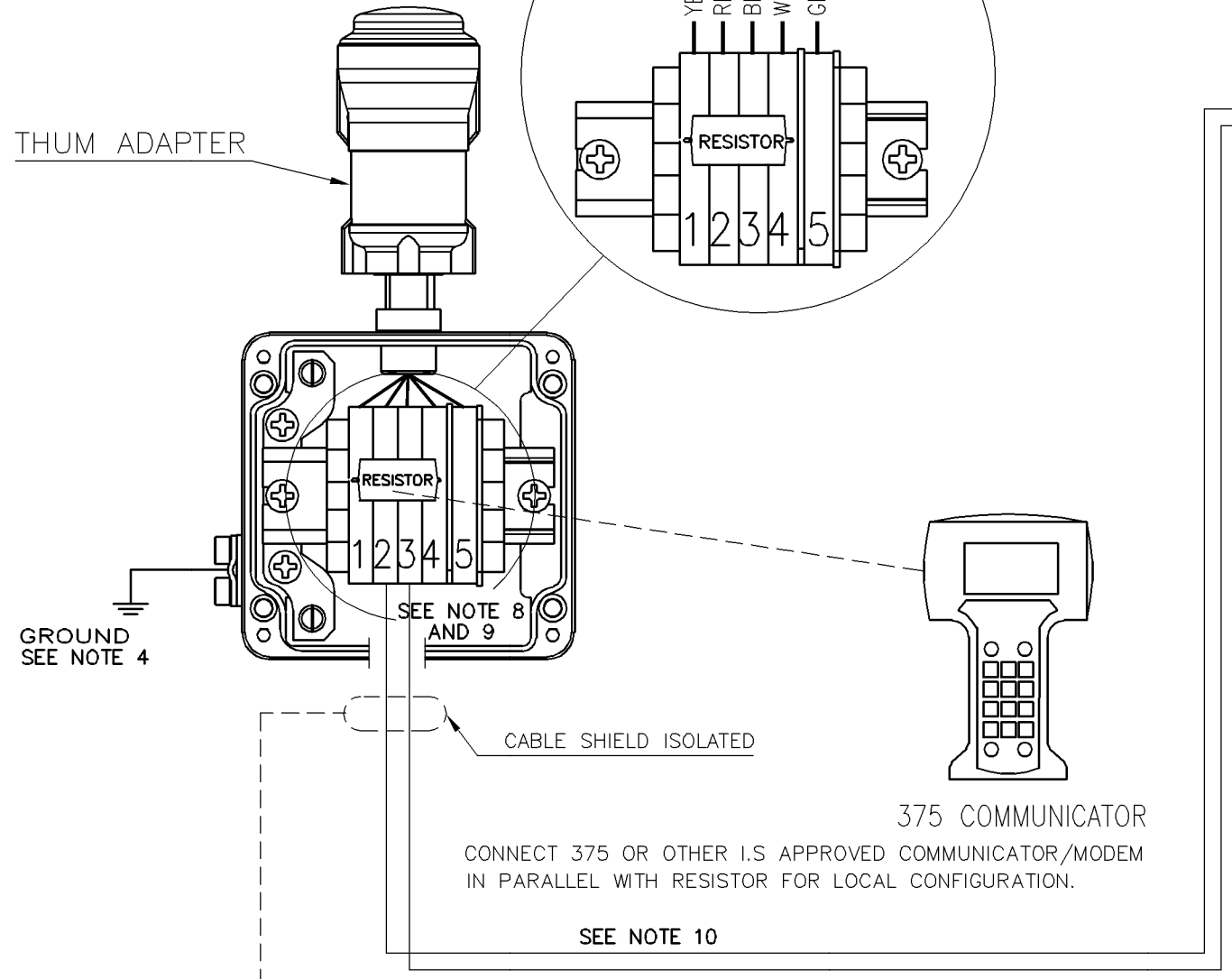


SMART WIRELESS CONN. BOX



⑩ MAXIMUM CABLE LENGTH IS LIMITED BY CABLE CHARACTERISTICS, SEE ENTITY PARAMETERS NOTE 6 AND 9. TYPICAL >200M FOR A STANDARD 0,5 SQMM OR A AWG 20 TWISTED PAIR SHIELDED CABLE.

⑨ THUM ADAPTER ENTITY PARAMETERS:

P _I	U _I	I _I	C _I	L _I
1,0W	30V	200mA	0μF	0mH

⑧ FACTORY MOUNTED RESISTOR 680 OHM 4W, MUST NOT BE EXCHANGED !

⑦ OPTIONAL CONNECTION IS BY MAX 50 M SHIELDED CABLE, MIN AWG 20 OR 0.5 SQMM.

⑥ THE TRANSMITTER INTERFACE CARD (TIC) OPTION CONSISTS OF:
TWO IDENTICAL, INTRINSICALLY SAFE SUPPLY CIRCUITS (AIN1+,AIN2+),
TWO IDENTICAL, INTRINSICALLY SAFE INPUTS (AIN1-, AIN2-), AND
DISPLAY CONNECTION.SUPPLIES AND INPUTS ARE GROUND REFERENCED.

	U _M	P _O	U _O	I _O	C _O	L _O
AIN1+/AIN1-	250V	0.6W	25.2V	96mA	0.11μF	4mH
AIN2+/AIN2-	250V	0.6W	25.2V	96mA	0.11μF	4mH
DS/D+	250V	0,67W	11.8V	271mA	1.5μF	0.37mH

⑤ EXTERNAL WIRING CONSISTS OF UP TO FOUR SEPARATE I.S. CIRCUITS. WIRES BELONGING TO DIFFERENT I.S. CIRCUITS MAY SHARE THE SAME CABLE, PROVIDED THEY ARE SEPARATED BY INDIVIDUAL SHIELDS CONNECTED TO GROUND. SEPARATE CABLES MUST BE USED IN INSTALLATIONS ACC. TO CSA.

④ TANK EARTH CONNECTION MIN 4 SQMM REQUIRED FOR INST. ACCORDING TO ATEX.

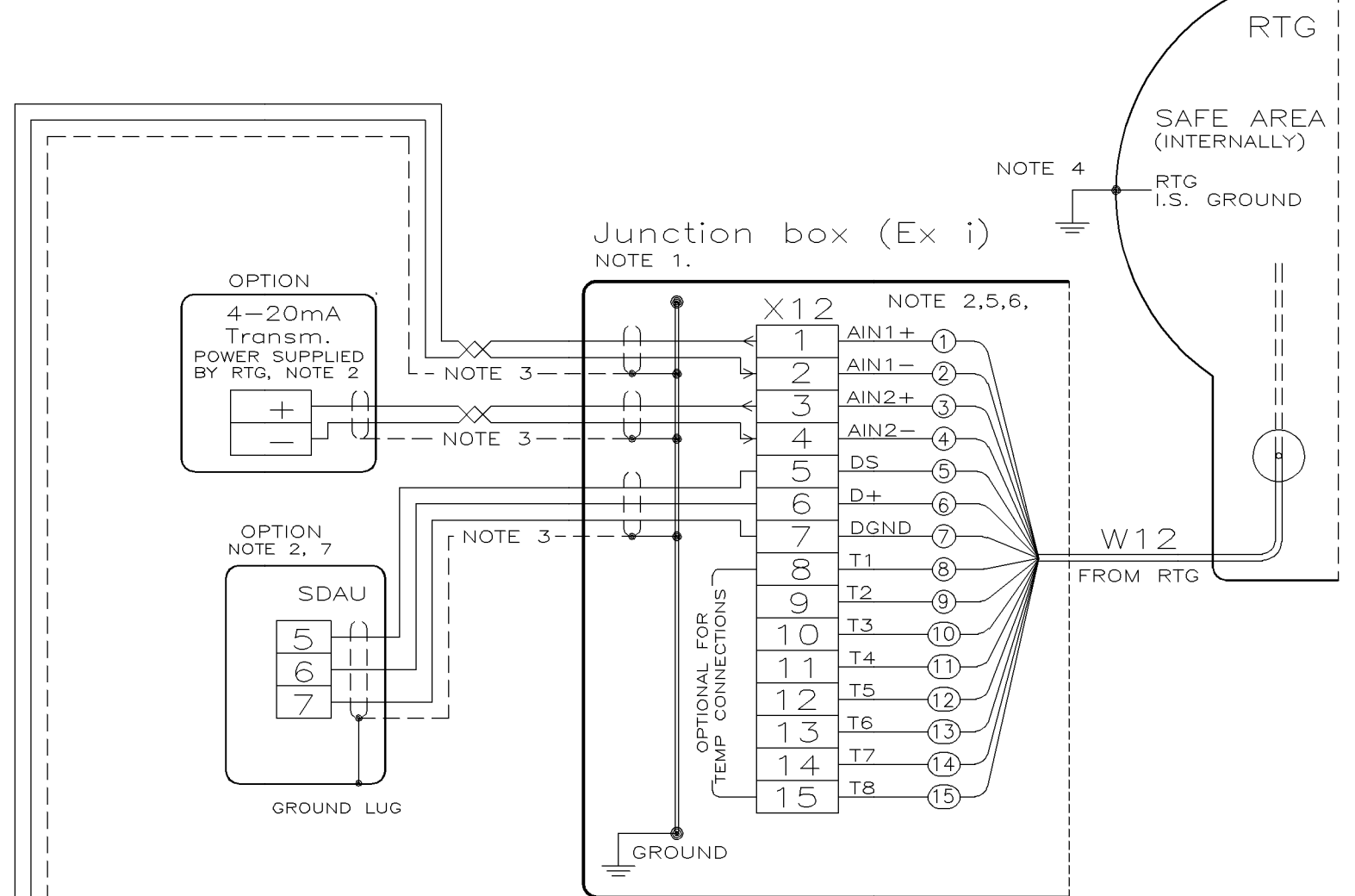
③ SHIELDED CABLE REQUIRED FOR VALID EMC PERFORMANCE. SHIELD CONNECTION ONLY AT ONE END OTHERWISE A GROUND LOOP WITH CIRCULATING CURRENT MAY OCCUR.

② IF INTRINSIC SAFETY IS REQUIRED FOR ANY ONE OF THE CONNECTED DEVICES, THEN ALL CONNECTED DEVICES MUST BE CERTIFIED INTRINSICALLY SAFE AND COMPLY WITH THE TABLE (NOTE 6).

① JBI (Junction Box Integrated) Ex i/ WIRE TERMINAL (X12) AWG 28-16 OR 0.08-1.5 SQMM. OPTIONAL: 2.5m FLYING LEADS FOR EXTERNAL JUNCTON BOX (CUSTOMER OR RTR SUPPLY) DEPENDING ON NATIONAL CODE OF PRACTICE.

SDAU AND ANALOG INPUT CONNECTION

Intrinsically Safe Wiring, I/O Connections



Product Discontinued

ISSUED BY	WEEK	PRODUCT CODE	FILE	INSTALLATION DRAWING TITLE		
Eme-PB	0920	REX	ACAD	ELECTRICAL INSTALLATION DWG, REX		
APPROVED BY	WEEK	ORIGINAL DWG NO.	SCALE			
Eme-MH	0921	9150070-992	-			
ROSEMOUNT®		1 ST ANGLE	DOC TYPE	DWG NO.	ISSUE	SHEET
			02	9150070-992	01	01/01
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