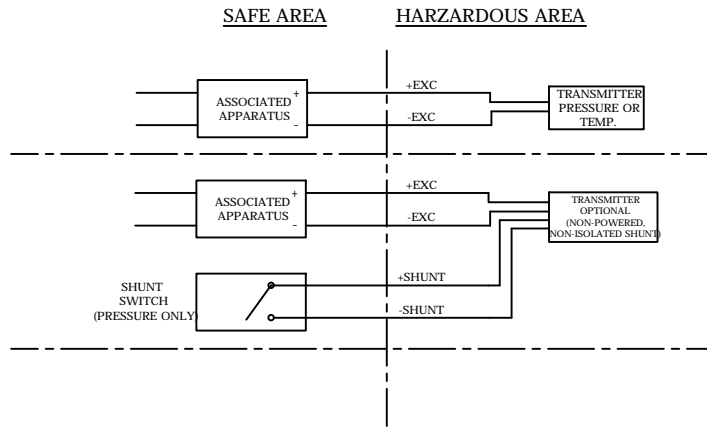
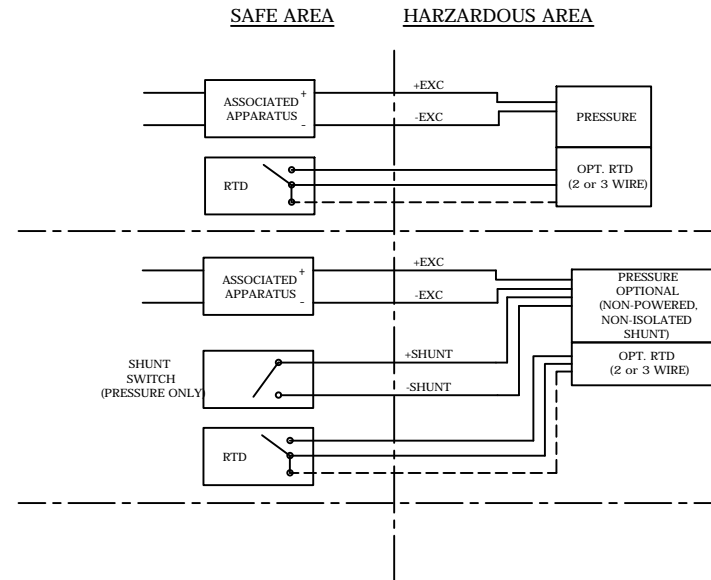


A) PRESSURE OR TEMPERATURE OUTPUT



B) PRESSURE AND RTD



NOTES:

1. INSTALLATION MUST BE IN ACCORDANCE WITH THE CODES AND PRACTICES OF THE COUNTRY IN USE.
2. ASSOCIATED APPARATUS USED FOR THE +EXC/-EXC CIRCUIT MUST HAVE A LINEAR OUTPUT AND BE CERTIFIED WITH THE BARRIER PARAMETERS THAT MEET THE FOLLOWING CONDITIONS:

$$\begin{aligned}
 U_o &\leq U_i \\
 I_o &\leq I_i \\
 C_o &\leq C_i + C_{cable} \\
 L_o &\leq L_i + L_{cable}
 \end{aligned}$$


3. SHUNT SWITCH OR RTD (WHERE APPLICABLE) WIRING IS INTRINSICALLY SAFE AND IS FOR CONNECTION TO A VOLTAGE FREE CONTACT, OR CERTIFIED RELAY CONTACT BARRIER WITH A VOLTAGE FREE CONTACT.

PRESSURE

Ex ia IIC T5 Ga (-40°C < Ta < 85°C)
 Ui = 15V
 Ii = 100mA
 Ci = 0nF
 Li = 0
 Pi = 0.7W

THIRD PARTY AGENCY APPROVAL CODE: AI-S

REVISIONS			
LET	DATE	BY	ECN
-	4/16/15	DJH	1477



GP-50
AEROSPACE DIV.

2770 LONG ROAD
 GRAND ISLAND, NY 14072
 TEL. NO. (716)773-0300 FAX NO. (716)773-5019
 CAGE CODE: ON8Y7

TITLE:
ATEX/IEC INTRINSIC SAFETY,
MODELS 1xx AI/GI

SEE ENGINEERING CHANGE NOTICE (ECN) FOR DRAWING APPROVALS

SCALE	MATERIAL	DRAWING NO.	SHEET
N/A	N/A	8C1-69.01	1 OF 2

THIRD ANGLE PROJECTION

