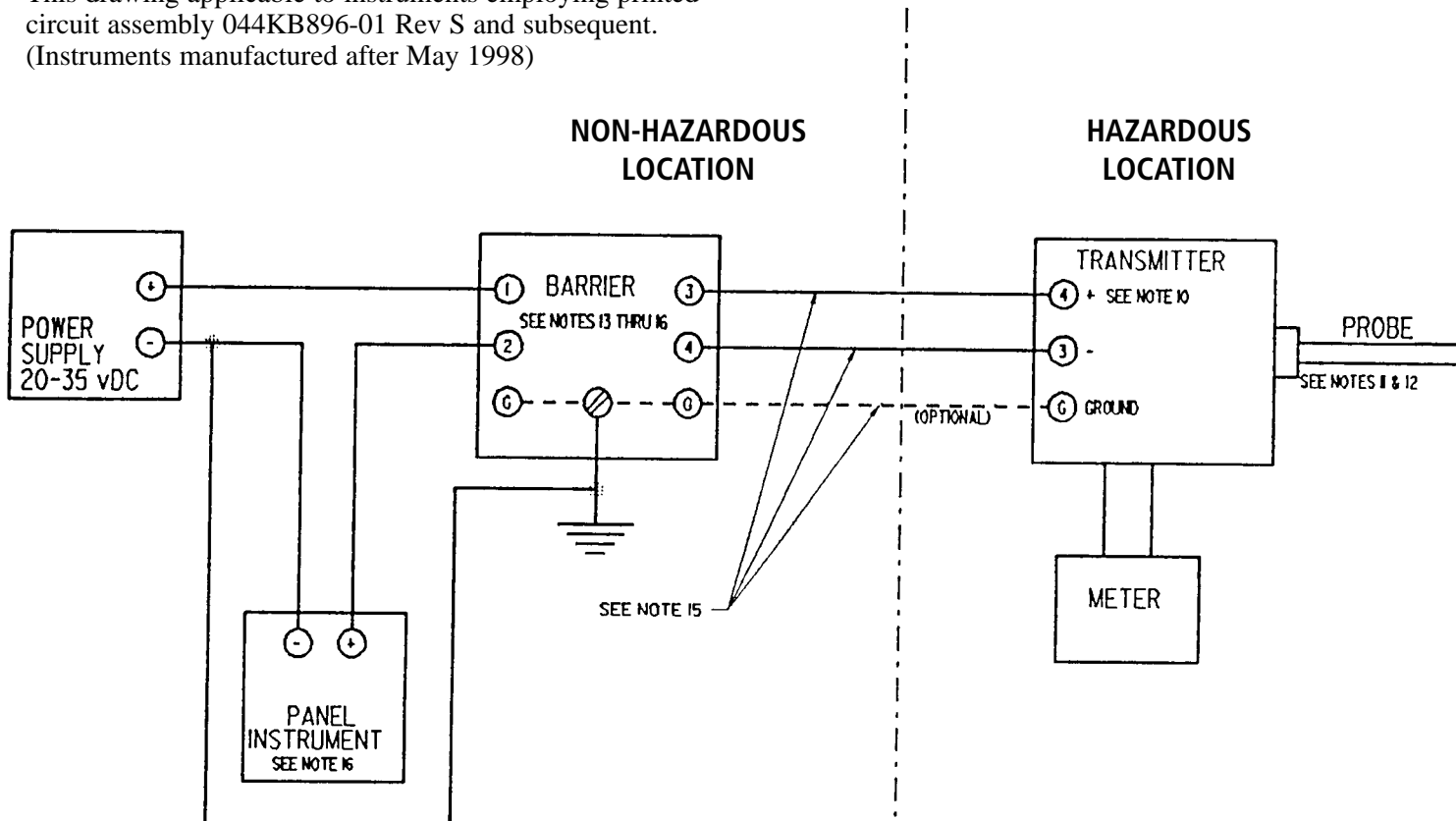


Drawing 907GA681

(For Model 167)

This drawing applicable to instruments employing printed circuit assembly 044KB896-01 Rev S and subsequent.
(Instruments manufactured after May 1998)



Notes:

1. Through 8. (Not applicable)
9. When connected as shown the transmitter and probe are CSA Certified as intrinsically safe for hazardous locations:
Class I, Division 1, Groups C and D
Class II, Division 1, Groups E, F, and G
10. Transmitter is Robertshaw Model 167-A1 (W/O Meter) or Model 167-A2 (W/Meter).
11. Probe is Robertshaw Model 702, 728, 729, 736, 738, 739, 740, or 741.
12. Insulated Probes only may be used in Class II, Groups E or F areas.
13. CSA Certified intrinsic safety (Isolating Type) with output parameters of:
28V maximum and 267 ohms minimum - **or** -
25V maximum and 200 ohms minimum
14. The barrier must be mounted and grounded outside of the hazardous area in accordance with the instructions packed with the barrier.
15. Safety barrier and its intrinsically safe wiring must be installed in accordance with Article 504 of the NEC ANSI/NFPA 70 or, if applicable, the Canadian Electrical Code.
16. Recommended safety barriers:

Manufacturers	Part Number	Max Loop Resistance
R. Stahl Inc.	9001/51-280-110-14	750Ω
MTL	4041-B	650Ω
MTL	702 +	850Ω
Pepperl + Fuchs Inc.	KFD2-CR-EX 130 200	1KΩ

17. The example wiring diagram shown is for Stahl 9001/51-280-110-14, for other barriers consult the diagram supplied with the barrier.