

Drawing 907GA518

(For Model 158A)

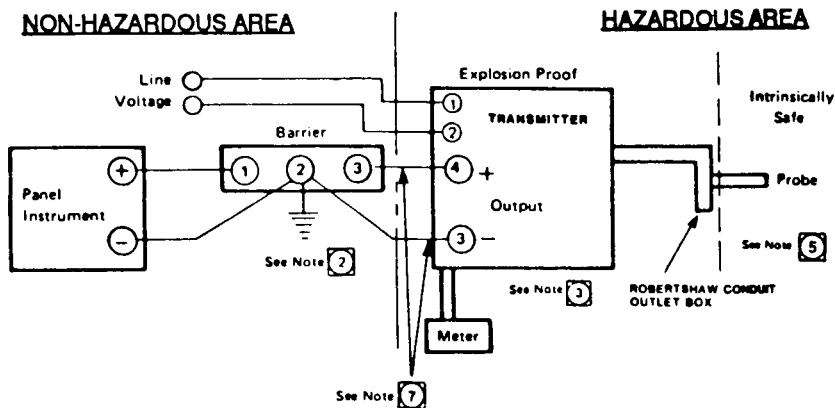


FIGURE 1 See Note 1

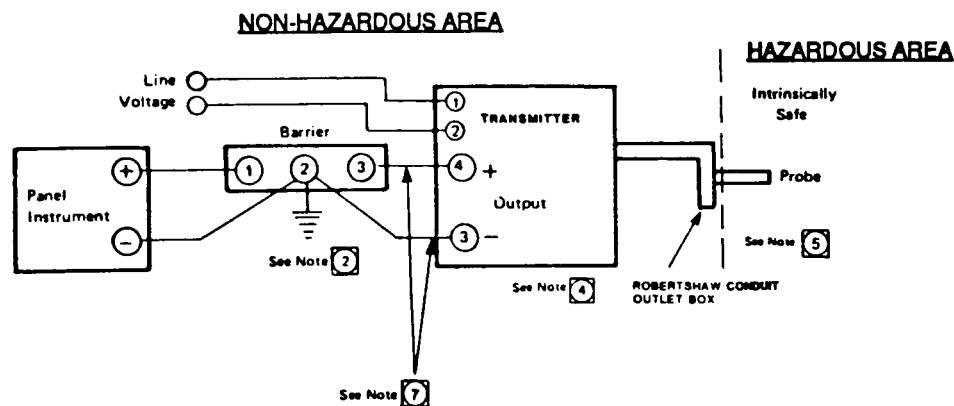


FIGURE 2 See Note 1

Notes:

- 1 In Figure 1, the transmitter is CSA Certified for Hazardous Locations, Class I, Div. 1, Groups C & D; Class II, Div. 1, Groups E, F & G. The probe is intrinsically safe for Class I, Div. 1, Groups A, B, C & D; Class II, Div. 1, Groups E, F & G.
In Figure 2, the transmitter is CSA Certified for enclosure 5. The probe is intrinsically safe for Class I, Div. 1, Groups A, B, C & D; Class II, Div. 1, Groups E, F & G.
- 2 R. Stahl Inc. Model 8901/33-293/000/79 or CSA Certified equivalent (28.1V Max., 300 OHM Min.) positive potential signal return line barrier with intrinsically safe terminals 2 (ground) and 3. Barrier must be mounted and grounded outside the hazardous area in accordance with the instructions packed with the barrier. Potential to ground must not exceed 250V RMS (360V peak).
- 3 Robertshaw Models 158A-(A, B) (1,2) – (C,D) 1.
- 4 Robertshaw Models 158A-(A, B) (1,2) – (A,B) 1.
- 5 Robertshaw Model 702, 728, 729, 736, 738, 739, 740 or 741 probe. Insulated probes only may be used in Class II, Groups E & F areas.
6. 650 ohms maximum total loop resistance, excluding barrier resistance.
- 7 For an Intrinsically Safe installation, all wiring between the barrier and the transmitter must be installed in rigid metal conduit.