

## Notes:

(1) Apparatus which is unspecified except that it must not be supplied from, or contain under normal or abnormal conditions a source of potential with respect to earth in excess of 250 VRMS or 250 VDC which is considered to be the Safe Area's maximum voltage.

(2) The Barrier or other Associated Apparatus must be approved by the "specific" (CSA/EECS/FM/LCIE/SAA/SIRA/TUV, etc..) certifying agency for I.S. connections in: "Class I-III, Division 1, Groups A-G" or equivalent Zone classifications for Hazardous 'Classified' Locations. The output voltage (Voc, Vt or Vo) must not exceed 30 VDC & the output current (Isc, It or Io) must not exceed 110 mA. Also, it must be installed per the manufacturer's guidelines. A Shunt Zener Barrier is NOT required for Non-Incendive (or Class I, Division 2 or Type N) installations.

(3) The combined Capacitance and Inductance of the inter-connecting cables and the PC Prog. Transmitter **must not** exceed the values indicated on the Associated Apparatus.

For FM applications, installation must be in accordance to 'ANSI/ISA-RP12.6' (Installation of I.S. Systems for Hazardous 'Classified' Locations) and the National Electric Code 'ANSI/NFPA 70'. Also, a dust-tight conduit seal must be used when installed in Class II and Class III environments. For CSA applications, adhere to the 'Canadian Electric Code C22.1' most current publication on I.S. installation guidelines. For CENELEC/ATEX applications, adhere to 'EN 60079-14:1997' or any equivalent, most current and pertaining publication on I.S. installation guidelines.

5-Warning: Substitution of components may impair the unit's Intrinsic Safety and/or Non-Incendivity. DO NOT open the unit when either energized or when an explosive gas/dust atmoshpere is present. Disconnect power before servicing. Also read, understand and adhere to the manufacturer's installation and operating procedures.