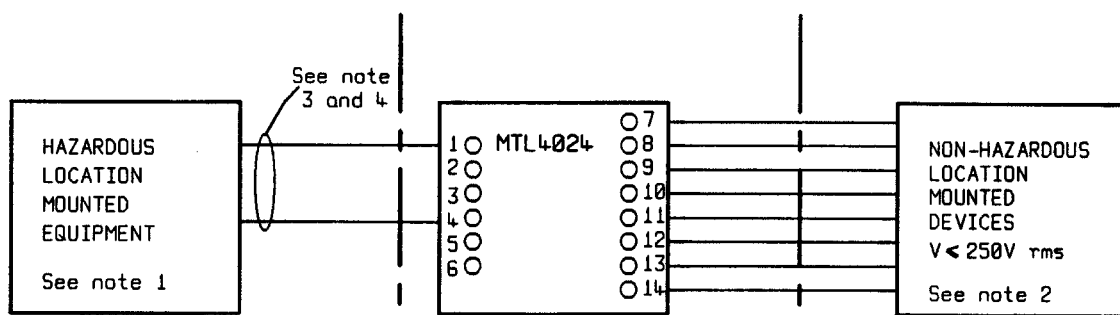


Iss	Date	Drn	Modif.ication	No	Cl	Ckd
1	1.95	PS				
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HAZARDOUS LOCATION
CLASS I, DIV 1, GRPS A,B,C,D
CLASS II, DIV.1 GRPS E,F,G
CLASS III, DIV.2

NON-HAZARDOUS or
DIVISION 2
HAZARDOUS LOCATIONS
(see Notes 5,6,7)

NON-HAZARDOUS
LOCATION

Note 1 The Hazardous Location equipment may be switches or thermocouples. Other apparatus such as RTDs, LEDs and non-inductive resistors may also be used if the autoignition temperatures of the hazardous location is greater than T4 (275°F or 135°C). Certified devices with the correct Entity Concept Parameters may also be used.

Note 2 The Non-Hazardous Location (or Control Room) equipment must not generate or use more than 250 volts r.m.s.

Note 3 For guidance on the installation see ANSI/ISA RP12.6.

Note 4 Entity Concept Parameters for terminals 1 and 4 of the MTL4024 are as follows.
Voc ≤ 25.5V Isc ≤ 110mA (All groups).

Groups A and B	Ca ≤ 0.17μF	La ≤ 3mH
Groups C and E	Ca ≤ 0.51μF	La ≤ 9mH
Groups D,F and G	Ca ≤ 1.36μF	La ≤ 24mH

Note 5 The MTL4024 is Associated Apparatus and when mounted in the appropriate enclosure (see notes 6 and 17) is suitable for installation in the following areas:-

- Non-Hazardous Locations
- Class I, Division 2, Groups A, B, C and D Hazardous Locations
- Class II, Division 2, Groups F and G Hazardous Locations
- Class III, Division 2 Hazardous Locations

System Certificate No:		Scale
Certifying Authority: Factory Mutual		Sheet 1 of 2
Title Installation Drawing for the MTL4024		Drg. No. SCI-504

