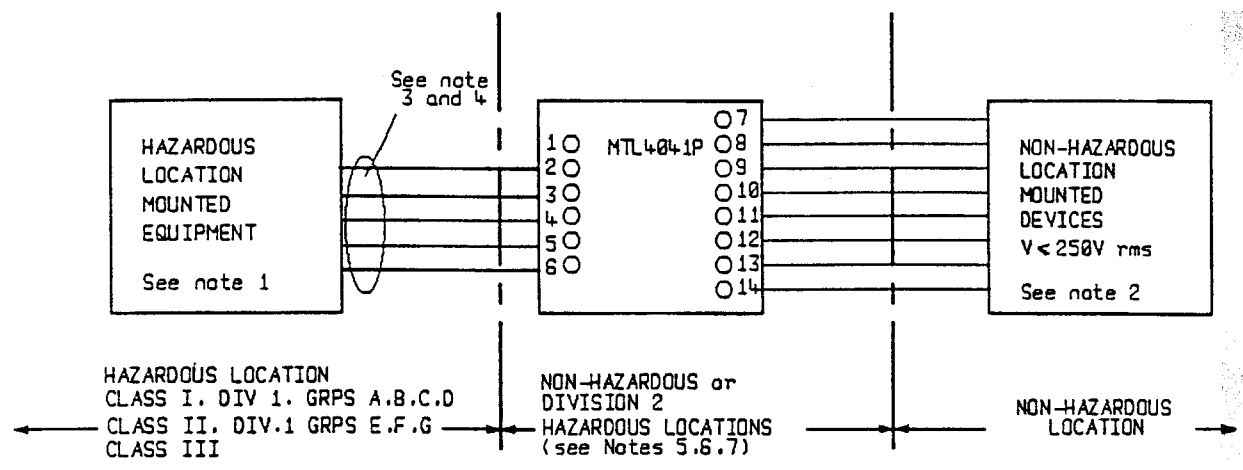


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Note 1 The Hazardous Location equipment may be switches or thermocouples. Other apparatus such as RTDs, LEDs and non-inductive resistors may also be used if the autoignition temperatures of the hazardous location is greater than T4 (275°F or 135°C). 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 the MTL4041P are as follows.

Terminals 2,3,4,5 and 6 connected to one device

$V_t = 28V$ $I_t = 166mA$

Groups A and B	$C_a \leq 0.14\mu F$	$L_a \leq 1.41mH$
Groups C and E	$C_a \leq 0.43\mu F$	$L_a \leq 5.75mH$
Groups D, F and G	$C_a \leq 1.14\mu F$	$L_a \leq 10.8mH$

Terminals 2 and 5 connected to one device

$V_{oc} = 28V$ $I_{sc} = 118mA$

Groups A and B	$C_a \leq 0.14\mu F$	$L_a \leq 2.76mH$
Groups C and E	$C_a \leq 0.43\mu F$	$L_a \leq 11.0mH$
Groups D, F and G	$C_a \leq 1.14\mu F$	$L_a \leq 21.3mH$

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Note 5 The MTL4041P is Associated Apparatus and when mounted in the appropriate enclosure (See notes 6 and 7) 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

Note 6 Associated Apparatus must be installed in accordance with the National Electrical Code in an enclosure meeting the requirements of ANSI/ISA-S82.

Note 7 Use FMRC Approved or NRTL Listed dust-ignition proof enclosure(s) appropriate for environmental protection in Class II, Division 2, Groups F and G; Class III Division 2 Hazardous Locations.

Note 8 For use in Division 2 Hazardous Locations, the MTL4041P must be installed in Factory Mutual Research Corporation Approved Backplanes.

When the MTL4041P is installed in Division 2 Hazardous Locations, a warning label must be prominently affixed near the unit(s) which warns that the MTL4041P must not be removed or inserted unless the area is known to be non-hazardous.

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System Certificate No:	Scale N/A
Certifying Authority: Factory Mutual	Sheet 2 of 2
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