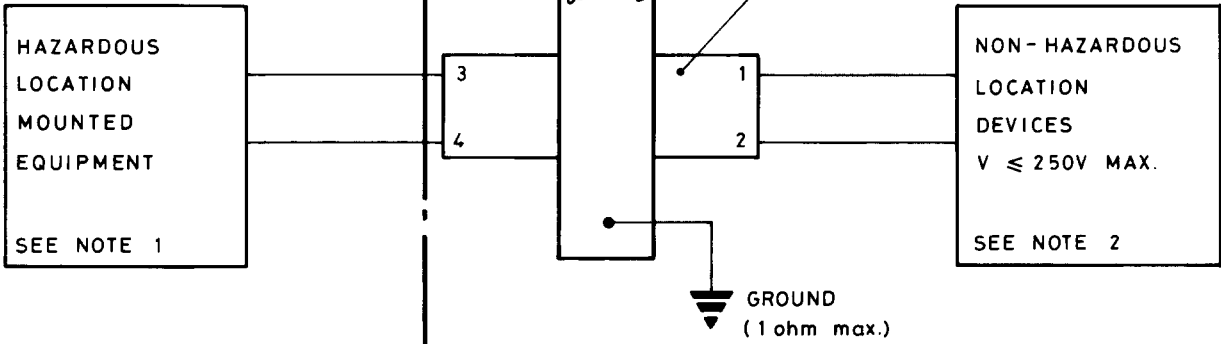


Dimensions in mm

Do not Scale

Third Angle Projection



HAZARDOUS LOCATION
 CLASS 1, DIV 1, GROUPS A, B, C, D
 CLASS II, DIV 1, GROUPS E, F, G
 CLASS III

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 be used if the autoignition temperature of the hazardous location is greater than T4 (275°F, 135°C). Certified devices with the correct Entity Concept parameters may also be used.

Note 2 The non-hazardous location or control room mounted equipment should not use or generate more than 250 volts rms.

Note 3 All intrinsically safe wiring shall be kept separate from non-intrinsically safe wiring. For guidance on the installation see ANSI/ISA 12.6-1987.

Note 4 Entity Concept parameters for the MTL 706 barrier :-

	Voc	Isc	Ca	La
MTL 706	28.1V	93mA	0.12µF	4.0mH

Note 5 The cable capacitance plus the capacitance of the intrinsically safe equipment must be less than the marked capacitance (Ca) shown on the MTL 706. This also applies to the inductance.

MEASUREMENT TECHNOLOGY LTD.

Luton, England.

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1	2.89/DRG		

Certifying Authority:- UL		Scale
Tolerance unless otherwise stated ±		Sheet 1 of 1
Title MTL 706 - Installation drawing		Drg. No. SCI-215