



Factory Mutual Research

1151 Boston-Providence Turnpike
P.O. Box 9102
Norwood, Massachusetts 02062

CERTIFICATE OF COMPLIANCE

HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following company:

Measurement Technology Limited
Power Court, Luton
Bedfordshire, England LU1 3JJ

For:

MTL5000 SERIES ISOLATING BARRIERS. Models MTL5023, MTL5024, MTL5031, MTL5032, MTL5073

AIS/I,II,III/1/ABCDEFGG - SCI-544, SCI-557, SCI-573, SCI-602, SCI-617; Entity
NI/I/2/ABCD

Max. Entity Parameters: Per applicable installation drawing.

Equipment Ratings: Associated Intrinsically Safe apparatus with connections to Class I, II, III Division 1, Group A, B, C, D, E, F and G in accordance with entity requirements and MTL Installation Drawings SCI-544, SCI-557, SCI-573, SCI-602, SCI-617; nonincendive for Class I, Division 2, Group A, B, C and D hazardous indoor locations.

Manufactured By: Measurement Technology Limited
Power Court, Luton
Bedfordshire, England LU1 3JJ

FACTORY MUTUAL RESEARCH CORPORATION

This certifies that the equipment described has been found to comply with the following Factory Mutual Research Corporation Approval Standards:


Approval Standard Class 3600 - 1989
Approval Standard Class 3610 - 1988
Approval Standard Class 3611 - 1986
Approval Standard Class 3810 - 1989

Approval Job Identification: 3Z1A8.AX Issue Date: September 20, 1996

Subsequent Revision Reports/Date Approval Amended:

None

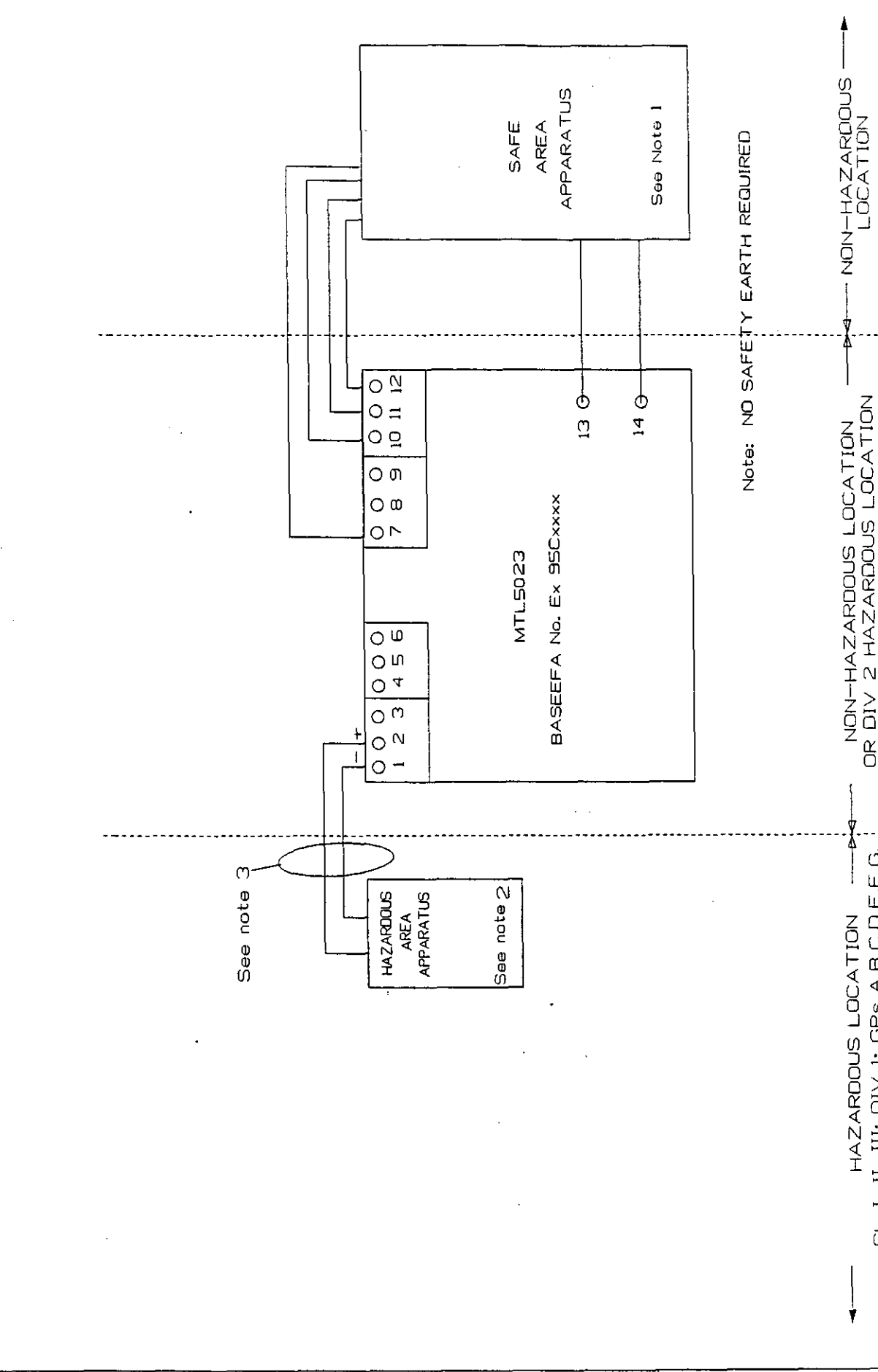
Factory Mutual Research Corporation


Frank J. McGowan, Manager
Instrumentation Section
Approval Division

10/17/96
Date

Iss		Date		Dwn		Modification	
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Title		Certifying Authority		System Certificate No.		Scale	
MTL5023 Solenoid/alarm driver, with line fault detection		Factory Mutual				N/A	
Drg. No.		Sheet		Title		Title	
SCI-557		1 of 2		MTL5023 Solenoid/alarm driver, with line fault detection		MTL5023 Solenoid/alarm driver, with line fault detection	

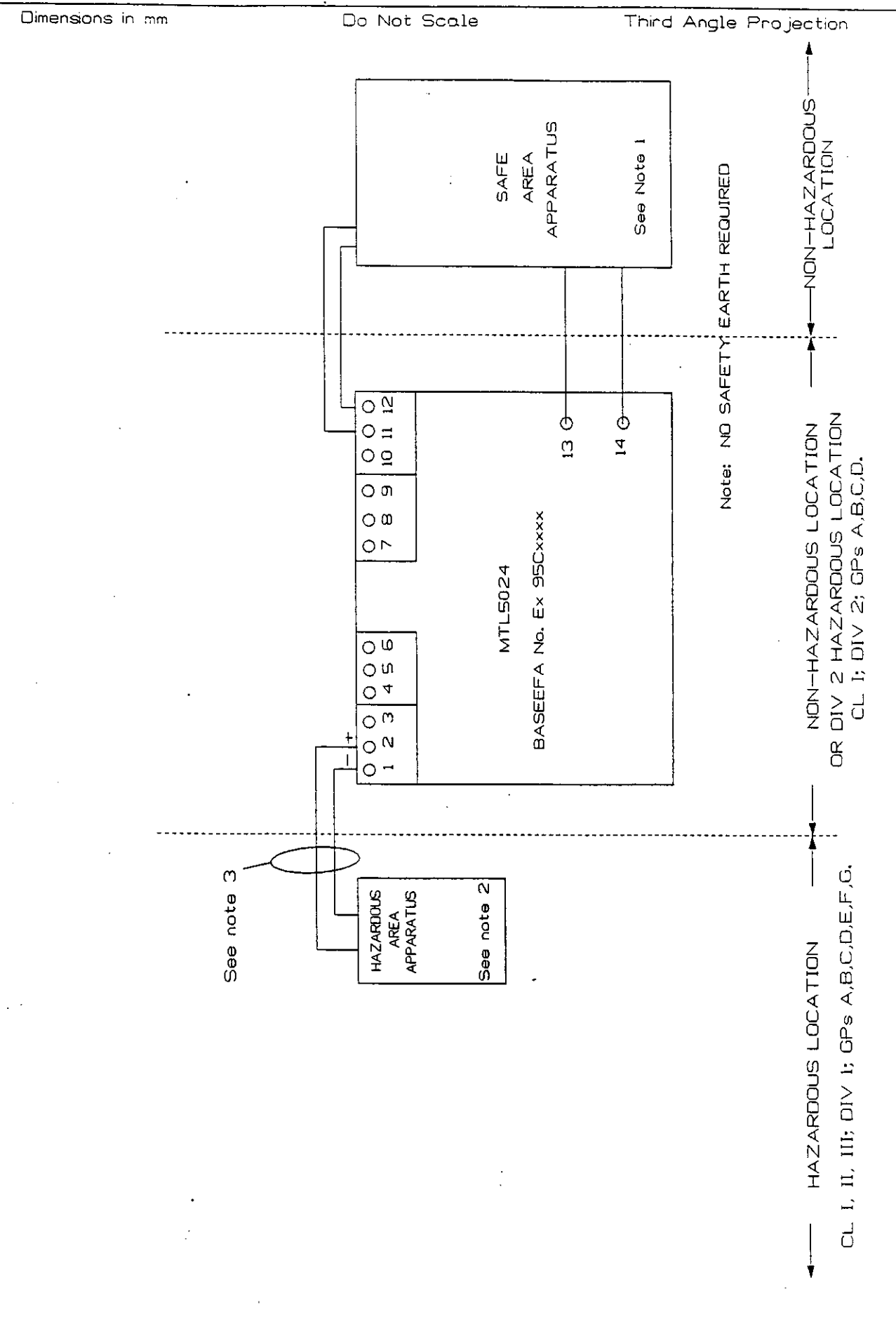
Dimensions in mm Do Not Scale Third Angle Projection



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Title		Certifying Authority		System Certificate No.		Scale	
MTL5023 Solenoid/alarm driver, with line fault detection		Factory Mutual				N/A	
Drg. No.		Sheet		Title		Title	
SCI-557		1 of 2		MTL5023 Solenoid/alarm driver, with line fault detection		MTL5023 Solenoid/alarm driver, with line fault detection	

Ctd	Dimensions in mm Do Not Scale Third Angle Projection									
Modification	<p><u>Note 1</u></p> <p>The Non-Hazardous Location (or Control Room) equipment must not generate or use more than 250 volts r.m.s</p> <p><u>Note 2</u></p> <p>The Hazardous Location equipment may be switches or thermocouples. Other apparatus such as RTD's, LED's 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.</p> <p><u>Note 3</u></p> <p>Entity Concept Parameters for each channel of the MTL5023 ie channel 1 (Terminals 1 & 2), are as follows:-</p> <p>Terminal 1 Wrt 2/3 $V_{oc} \leq 25V$ $I_{sc} \leq 147mA$</p>									
Dwn										
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<p>MEASUREMENT TECHNOLOGY LTD Luton, England Copyright Reserved - Written Permission to Copy Should be Obtained</p>	<table border="1" data-bbox="441 725 1270 963"> <tr> <td>Groups A and B</td> <td>$C_a \leq 0.17\mu F$</td> <td>$L_a \leq 1.32mH$</td> </tr> <tr> <td>Groups C and E</td> <td>$C_a \leq 0.51\mu F$</td> <td>$L_a \leq 3.96mH$</td> </tr> <tr> <td>Groups D,F and G</td> <td>$C_a \leq 1.36\mu F$</td> <td>$L_a \leq 10.56mH$</td> </tr> </table> <p><u>Note 4</u></p> <p>For guidance on the installation see ANSI/ISA RP12.6</p> <p><u>Note 5</u></p> <p>The MTL5023 is Associated Apparatus and when mounted in the appropriate enclosure (See notes 6 and 7) is suitable for installation in the following area:-</p> <p>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</p> <p><u>Note 6</u></p> <p>Associated Apparatus must be installed in accordance with the National Electrical Code in an enclosure meeting the requirements of ANSI/ISA-S82.</p> <p><u>Note 7</u></p> <p>Use FRMC Approved or NRTL Listed dust-ignition proof enclosure(s) Appropriate for the environmental protection in class II, Division 2, Groups F and G; Class III, Division 2 Hazardous Locations.</p> <p><u>Note 8</u></p> <p>When the MTL5023 is installed in Division 2 Hazardous locations, a warning label must be prominently affixed near the unit(s) which warns that the connectors of the MTL5023 must not be removed or inserted unless the area is known to be non-hazardous.</p>	Groups A and B	$C_a \leq 0.17\mu F$	$L_a \leq 1.32mH$	Groups C and E	$C_a \leq 0.51\mu F$	$L_a \leq 3.96mH$	Groups D,F and G	$C_a \leq 1.36\mu F$	$L_a \leq 10.56mH$
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Groups D,F and G	$C_a \leq 1.36\mu F$	$L_a \leq 10.56mH$								
Ctd										
Modification	<table border="1" data-bbox="291 1973 1578 2165"> <tr> <td>System Certificate No:</td> <td>Scale N/A</td> </tr> <tr> <td>Certifying Authority: Factory Mutual</td> <td>Sheet 2 of 2</td> </tr> <tr> <td>Title MTL5023 Solenoid/alarm driver, with line fault detection</td> <td>Dwg. No. SCI-557</td> </tr> </table>	System Certificate No:	Scale N/A	Certifying Authority: Factory Mutual	Sheet 2 of 2	Title MTL5023 Solenoid/alarm driver, with line fault detection	Dwg. No. SCI-557			
System Certificate No:	Scale N/A									
Certifying Authority: Factory Mutual	Sheet 2 of 2									
Title MTL5023 Solenoid/alarm driver, with line fault detection	Dwg. No. SCI-557									
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System Certificate No:		Scale	N/A
Certifying Authority: Factory Mutual		Sheet	1 of 2
Title MTL5024 Powered solenoid/alarm driver, logic drive with phase reversal		Drg. No.	SCI-573

Ckd		Dimensions in mm	Do Not Scale	Third Angle Projection									
Modification		<p><u>Note 1</u></p> <p>The Non-Hazardous Location (or Control Room) equipment must not generate or use more than 250 volts r.m.s</p> <p><u>Note 2</u></p> <p>The Hazardous Location equipment may be switches or thermocouples. Other apparatus such as RTD's, LED's 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.</p> <p><u>Note 3</u></p> <p>Entity Concept Parameters for each channel of the MTL5024 ie channel 1 (Terminals 1 & 2), are as follows:-</p> <p>Terminal 1 Wrt 2/3 $V_{oc} \leq 25V$ $I_{sc} \leq 147mA$</p>											
Date		<table border="1" style="margin:auto; border-collapse: collapse;"> <tr> <td style="padding: 5px;">Groups A and B</td> <td style="padding: 5px;">$C_a \leq 0.17\mu F$</td> <td style="padding: 5px;">$L_a \leq 1.32mH$</td> </tr> <tr> <td style="padding: 5px;">Groups C and E</td> <td style="padding: 5px;">$C_a \leq 0.51\mu F$</td> <td style="padding: 5px;">$L_a \leq 3.96mH$</td> </tr> <tr> <td style="padding: 5px;">Groups D,F and G</td> <td style="padding: 5px;">$C_a \leq 1.36\mu F$</td> <td style="padding: 5px;">$L_a \leq 10.56mH$</td> </tr> </table>			Groups A and B	$C_a \leq 0.17\mu F$	$L_a \leq 1.32mH$	Groups C and E	$C_a \leq 0.51\mu F$	$L_a \leq 3.96mH$	Groups D,F and G	$C_a \leq 1.36\mu F$	$L_a \leq 10.56mH$
Groups A and B	$C_a \leq 0.17\mu F$				$L_a \leq 1.32mH$								
Groups C and E	$C_a \leq 0.51\mu F$				$L_a \leq 3.96mH$								
Groups D,F and G	$C_a \leq 1.36\mu F$	$L_a \leq 10.56mH$											
Iss													
Dwn		<p><u>Note 4</u></p> <p>For guidance on the installation see ANSI/ISA RP12.6</p> <p><u>Note 5</u></p> <p>The MTL5024 is Associated Apparatus and when mounted in the appropriate enclosure (See notes 6 and 7) is suitable for installation in the following area:-</p> <p>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</p> <p><u>Note 6</u></p> <p>Associated Apparatus must be installed in accordance with the National Electrical Code in an enclosure meeting the requirements of ANSI/ISA-S82.</p> <p><u>Note 7</u></p> <p>Use FRMC Approved or NRTL Listed dust-ignition proof enclosure(s) Appropriate for the environmental protection in class II, Division 2, Groups F and G; Class III, Division 2 Hazardous Locations.</p> <p><u>Note 8</u></p> <p>When the MTL5024 is installed in Division 2 Hazardous locations, a warning label must be prominently affixed near the unit(s) which warns that the connectors of the MTL5024 must not be removed or inserted unless the area is known to be non-hazardous.</p>											
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Dwn		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">System Certificate No:</td> <td style="width:40%;">Scale N/A</td> </tr> <tr> <td>Certifying Authority: Factory Mutual</td> <td>Sheet 2 of 2</td> </tr> <tr> <td>Title</td> <td>Org. No.</td> </tr> <tr> <td style="text-align:center;">MTL5024 Powered solenoid/alarm driver, logic drive with phase reversal</td> <td style="text-align:center;">SCI-573</td> </tr> </table>			System Certificate No:	Scale N/A	Certifying Authority: Factory Mutual	Sheet 2 of 2	Title	Org. No.	MTL5024 Powered solenoid/alarm driver, logic drive with phase reversal	SCI-573	
System Certificate No:	Scale N/A												
Certifying Authority: Factory Mutual	Sheet 2 of 2												
Title	Org. No.												
MTL5024 Powered solenoid/alarm driver, logic drive with phase reversal	SCI-573												
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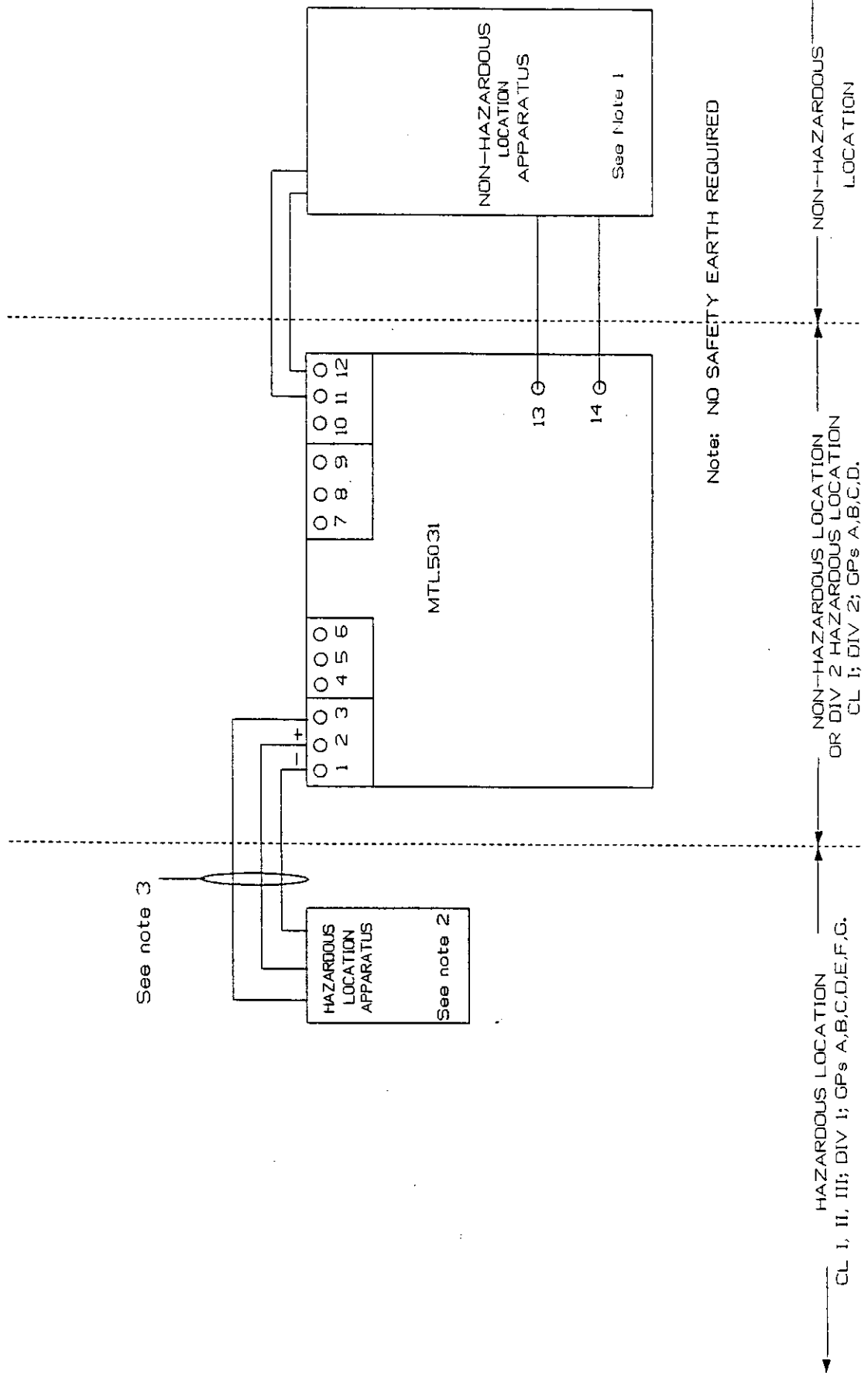
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Dimensions in mm

Do Not Scale

Third Angle Projection

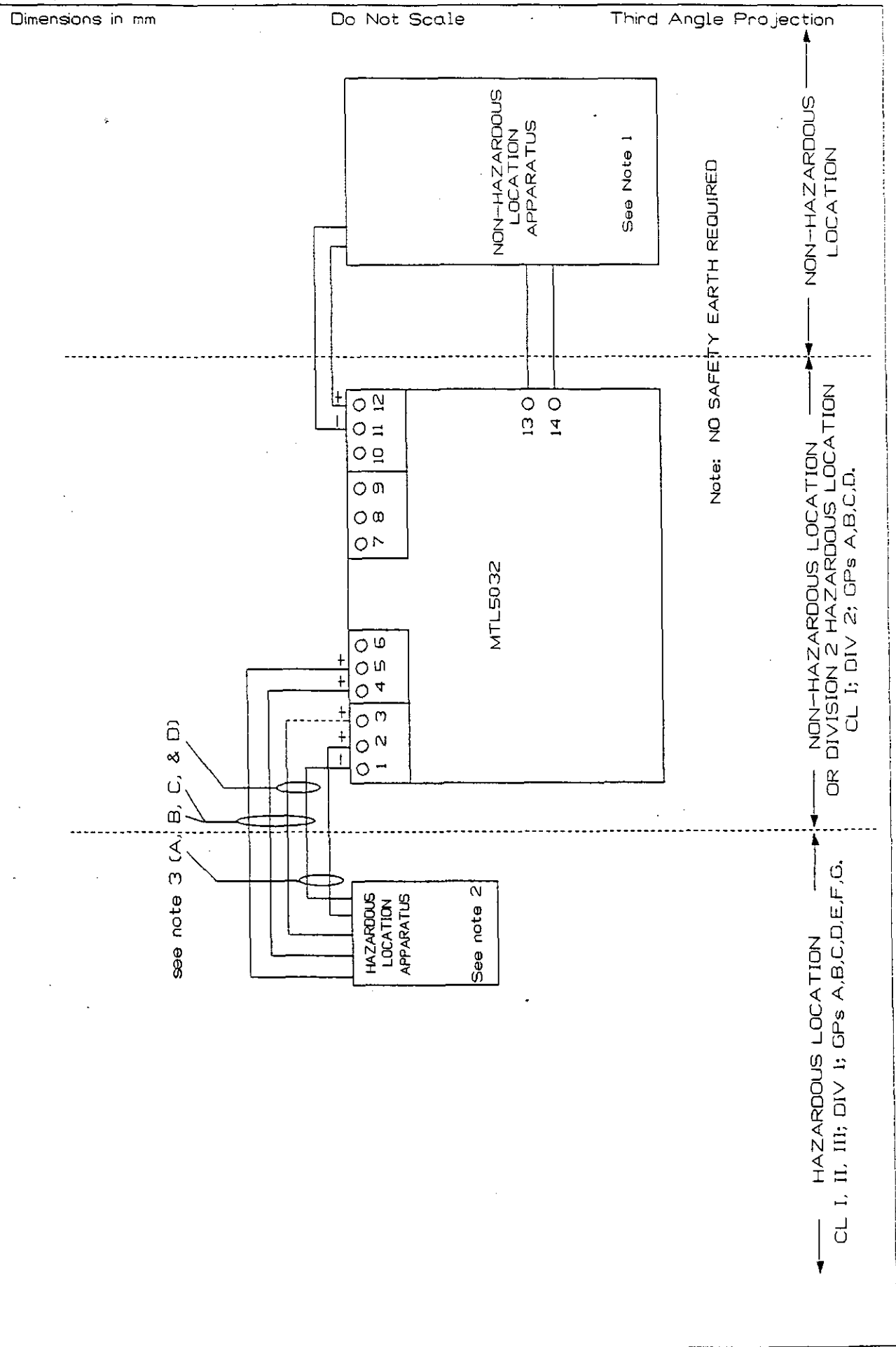


System Certificate No:	Scale N/A
Certifying Authority: Factory Mutual	Sheet 1 of 2
Title MTL5031 Vibration Transducer Interface. Installation Diagram	Drg. No. SCI- 602

Ckd		Dimensions in mm	Do Not Scale	Third Angle Projection									
Modification		<u>Note 1</u> The Non-Hazardous Location (or Control Room) equipment must not generate or use more than 250 volts r.m.s											
		<u>Note 2</u> The Hazardous Location equipment may be any FM Entity Approved Transducer meeting the requirements of note 3											
		<u>Note 3</u> Entity Concept Parameters for each channel of the MTL5031, ie channel 1 (terminals 1 & 2/3) are as follows. Terminal 1 Wrt 2/3 $V_{oc} \leq 26.6V$ $I_{sc} \leq 94mA$ The maximum load Parameters are as follows, cable parameters may be calculated by deducting any C_{eq} or L_{eq} of the hazardous location equipment if appropriate											
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<table border="1"> <tr> <td>Groups A and B</td> <td>$C_a \leq 0.13\mu F$</td> <td>$L_a \leq 4.2mH$</td> </tr> <tr> <td>Groups C and E</td> <td>$C_a \leq 0.39\mu F$</td> <td>$L_a \leq 12.6mH$</td> </tr> <tr> <td>Groups D,F and G</td> <td>$C_a \leq 1.04\mu F$</td> <td>$L_a \leq 33.6mH$</td> </tr> </table>					Groups A and B	$C_a \leq 0.13\mu F$	$L_a \leq 4.2mH$	Groups C and E	$C_a \leq 0.39\mu F$	$L_a \leq 12.6mH$	Groups D,F and G	$C_a \leq 1.04\mu F$	$L_a \leq 33.6mH$
Groups A and B	$C_a \leq 0.13\mu F$	$L_a \leq 4.2mH$											
Groups C and E	$C_a \leq 0.39\mu F$	$L_a \leq 12.6mH$											
Groups D,F and G	$C_a \leq 1.04\mu F$	$L_a \leq 33.6mH$											
<u>Note 4</u> For guidance on the installation see ANSI/ISA RP12.6													
<u>Note 5</u> The MTL5031 is Associated Apparatus and when mounted in the appropriate enclosure (See notes 6 and 7) is suitable for installation in the following area:- 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													
<u>Note 6</u> Associated Apparatus must be installed in accordance with the National Electrical Code in an enclosure meeting the requirements of ANSI/ISA-S82.													
<u>Note 7</u> Use FRMC Approved or NRTL Listed dust-ignition proof enclosure(s) Appropriate for the environmental protection in Class II, Division 2, Groups F and G; Class III, Division 2 Hazardous Locations.													
<u>Note 8</u> When the MTL5031 is installed in Division 2 Hazardous locations, a warning label must be prominently affixed near the unit(s) which warns that the MTL5031 must not be removed or inserted unless the area is known to be non-hazardous.													
System Certificate No:			Scale N/A										
Drn	PS	Certifying Authority: Factory Mutual		Sheet 2 of 2									
Date	2/96	Title MTL5031 Vibration Transducer Interface. Installation Diagram		Org. No. SCI- 602									
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System Certificate No:		Scale	N/A
Certifying Authority: Factory Mutual		Sheet	1 of 3
Title MTL5032 Pulse Isolator		Org. No.	SCI-544

Note 1

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

Note 2

The Hazardous Location equipment may be switches or thermocouples. Other apparatus such as RTD's, LED's 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 3

Entity Concept Parameters for the MTL5032
(Terminals 2 to 1),(Terminals 4 & 3 to 1),(Terminals 5 & 4 to 1)
and (terminals 3 to 1) are as follows :-

A) Terminals 2 to 1 $V_{oc} \leq 10.5V$ $I_{sc} \leq 14mA$

Groups A and B	$C_a \leq 2.4\mu F$	$L_a \leq 165mH$
Groups C and E	$C_a \leq 7.2\mu F$	$L_a \leq 495mH$
Groups D,F and G	$C_a \leq 19.2\mu F$	$L_a \leq 1320mH$

B) Terminals 4 & 3 to 1 $V_t \leq 28V$ $I_t \leq 146mA$

Groups A and B	$C_a \leq 0.13F$	$L_a \leq 1.54mH$
Groups C and E	$C_a \leq 0.39\mu F$	$L_a \leq 4.71mH$
Groups D,F and G	$C_a \leq 1.04\mu F$	$L_a \leq 12.56mH$

C) Terminals 5 & 4 to 1 $V_t \leq 28V$ $I_t \leq 93mA$

Groups A and B	$C_a \leq 0.13F$	$L_a \leq 4.1mH$
Groups C and E	$C_a \leq 0.39\mu F$	$L_a \leq 12.6mH$
Groups D,F and G	$C_a \leq 1.04\mu F$	$L_a \leq 33.6mH$

D) Terminals 3 to 1 $V_{oc} \leq 1.1V$ $I_{sc} \leq 51mA$

Groups A and B	$C_a \leq 1000\mu F$	$L_a \leq 13.8mH$
Groups C and E	$C_a \leq 1000\mu F$	$L_a \leq 41.4mH$
Groups D,F and G	$C_a \leq 1000\mu F$	$L_a \leq 110mH$

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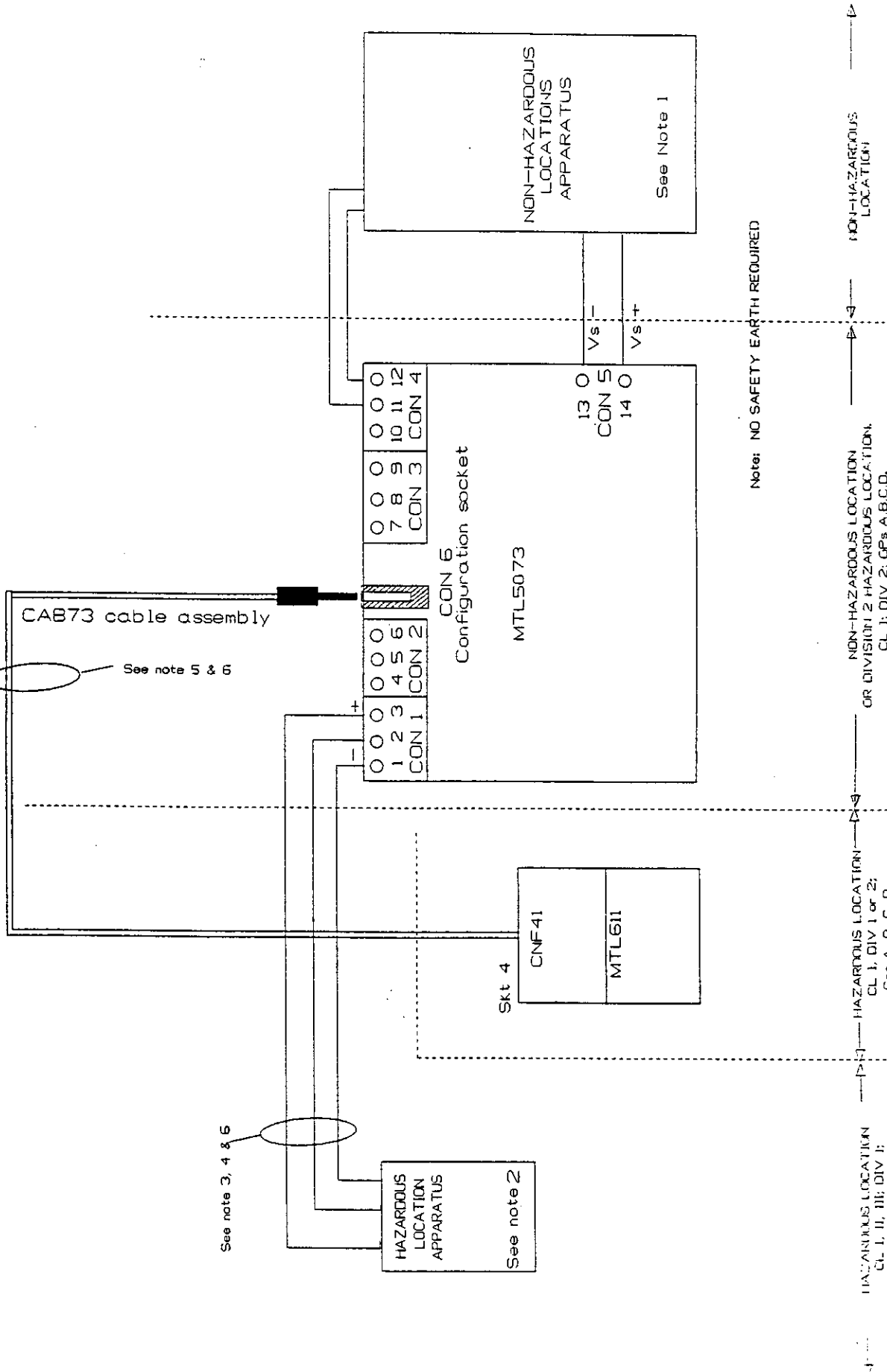
System Certificate No:	Scale N/A
Certifying Authority: Factory Mutual	Sheet 2 of 3
Title MTL5032 Pulse Isolator	Org. No. SCI-544

Dimensions in mm		Do Not Scale		Third Angle Projection	
Modification		<p><u>Note 4</u></p> <p>For guidance on the installation see ANSI/ISA RP12.6</p> <p><u>Note 5</u></p> <p>The MTL5032 is Associated Apparatus and when mounted in the appropriate enclosure (See notes 6 and 7) is suitable for installation in the following area:-</p> <p>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</p> <p><u>Note 6</u></p> <p>Associated Apparatus must be installed in accordance with the National Electrical Code in an enclosure meeting the requirements of ANSI/ISA-S82.</p> <p><u>Note 7</u></p> <p>Use FRMC Approved or NRTL Listed dust-ignition proof enclosure(s) Appropriate for the environmental protection in class II, Division 2, Groups F and G; Class III, Division 2 Hazardous Locations.</p> <p><u>Note 8</u></p> <p>When the MTL5032 is installed in Division 2 Hazardous locations, a warning label must be prominently affixed near the unit(s) which warns that the connectors of the MTL5032 must not be removed or inserted unless the area is known to be non-hazardous.</p>			
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System Certificate No:		Scale		N/A	
Certifying Authority: Factory Mutual		Sheet		3 of 3	
Title MTL5032 Pulse Isolator		Org. No.		SCI-544	

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Dimensions in mm Do Not Scale Third Angle Projection



Note: NO SAFETY EARTH REQUIRED

NON-HAZARDOUS LOCATION
OR DIVISION 2 HAZARDOUS LOCATION
CL 1; DIV 2; GPs A, B, C, D.
See note 7-10

HAZARDOUS LOCATION
CL 1, DIV 1 or 2;
Gps A, B, C, D.
See note 11

HAZARDOUS LOCATION
CL 1, II, III; DIV 1;
Gps A, B, C, D, E, F, G.

System Certificate No:	Scale	N/A
Certifying Authority: Factory Mutual	Sheet	1 of 1
Title MTL5073 Temperature Converter THC or RTD input	Dwg. No.	SCI-6:7

Ctd		Dimensions in mm	Do Not Scale	Third Angle Projection																											
Modification		<p><u>Note 1</u></p> <p>The Non-Hazardous Location (or Control Room) equipment must not generate or use more than 250 volts r.m.s</p> <p><u>Note 2</u></p> <p>The Hazardous Location equipment may be switches or thermocouples. Other apparatus such as RTD's, LED's 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.</p> <p><u>Note 3</u></p> <p>Entity Parameters for terminals 5,4,3 and 1 of the MTL5073 are as follows:-</p> <p style="text-align: center;">$V_t \leq 7.2V$ $I_t \leq 11.5mA$</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="padding: 5px;">Groups A and B</td> <td style="padding: 5px;">$C_a \leq 0.11\mu F$</td> <td style="padding: 5px;">$L_a \leq 245mH$</td> </tr> <tr> <td style="padding: 5px;">Groups C and E</td> <td style="padding: 5px;">$C_a \leq 33.0\mu F$</td> <td style="padding: 5px;">$L_a \leq 853mH$</td> </tr> <tr> <td style="padding: 5px;">Groups D,F and G</td> <td style="padding: 5px;">$C_a \leq 88.0\mu F$</td> <td style="padding: 5px;">$L_a \leq 1000mH$</td> </tr> </table> <p><u>Note 4</u></p> <p>Entity Parameters for terminals 3 and 1 only of the MTL5073 are as follows:-</p> <p style="text-align: center;">$V_{oc} \leq 1.2V$ $I_{sc} \leq 3.8mA$</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="padding: 5px;">Groups A and B</td> <td style="padding: 5px;">$C_a \leq 1000\mu F$</td> <td style="padding: 5px;">$L_a \leq 3.6mH$</td> </tr> <tr> <td style="padding: 5px;">Groups C and E</td> <td style="padding: 5px;">$C_a \leq 1000\mu F$</td> <td style="padding: 5px;">$L_a \leq 1000mH$</td> </tr> <tr> <td style="padding: 5px;">Groups D,F and G</td> <td style="padding: 5px;">$C_a \leq 1000\mu F$</td> <td style="padding: 5px;">$L_a \leq 1000mH$</td> </tr> </table> <p><u>Note 5</u></p> <p>The following cable parameters must not be exceeded:-</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="padding: 5px;">Groups A and B</td> <td style="padding: 5px;">$C_a \leq 0.6\mu F$</td> <td style="padding: 5px;">$L_a \leq 47mH$</td> </tr> <tr> <td style="padding: 5px;">Groups C and E</td> <td style="padding: 5px;">$C_a \leq 1.8\mu F$</td> <td style="padding: 5px;">$L_a \leq 141mH$</td> </tr> <tr> <td style="padding: 5px;">Groups D,F and G</td> <td style="padding: 5px;">$C_a \leq 4.8\mu F$</td> <td style="padding: 5px;">$L_a \leq 376mH$</td> </tr> </table> <p>These figures apply when the MTL611/CNF41 and MTL5073 are interconnected as shown on sheet 1 of this drawing.</p>			Groups A and B	$C_a \leq 0.11\mu F$	$L_a \leq 245mH$	Groups C and E	$C_a \leq 33.0\mu F$	$L_a \leq 853mH$	Groups D,F and G	$C_a \leq 88.0\mu F$	$L_a \leq 1000mH$	Groups A and B	$C_a \leq 1000\mu F$	$L_a \leq 3.6mH$	Groups C and E	$C_a \leq 1000\mu F$	$L_a \leq 1000mH$	Groups D,F and G	$C_a \leq 1000\mu F$	$L_a \leq 1000mH$	Groups A and B	$C_a \leq 0.6\mu F$	$L_a \leq 47mH$	Groups C and E	$C_a \leq 1.8\mu F$	$L_a \leq 141mH$	Groups D,F and G	$C_a \leq 4.8\mu F$	$L_a \leq 376mH$
Groups A and B	$C_a \leq 0.11\mu F$	$L_a \leq 245mH$																													
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Date Dwn		Title MTL5073 Temperature Converter THC or RTD input		Org. No.																											
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Ckd		Dimensions in mm		Do Not Scale		Third Angle Projection	
Modification		<p><u>Note 5</u></p> <p>For guidance on the installation see ANSI/ISA RP12.6</p> <p><u>Note 7</u></p> <p>The MTL5073 is Associated Apparatus and when mounted in the appropriate enclosure (See notes 5 and 7) is suitable for installation in the following area:-</p> <p>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</p> <p><u>Note 8</u></p> <p>Associated Apparatus must be installed in accordance with the National Electrical Code in an enclosure meeting the requirements of ANSI/ISA-S82.</p> <p><u>Note 9</u></p> <p>Use FRMC Approved or NRTL Listed dust-ignition proof enclosure(s) Appropriate for the environmental protection in class II, Division 2, Groups F and G; Class III, Division 2 Hazardous Locations.</p> <p><u>Note 10</u></p> <p>When the MTL5073 is installed in Division 2 Hazardous locations, a warning label must be prominently affixed near the unit(s) which warns that the connectors of the MTL5073 must not be removed or inserted unless the area is known to be non-hazardous.</p> <p><u>Note 11</u></p> <p>The MTL611 Hand Held Communicator and CNF41 Interface are FM approved under approval No JI, 1WSA1.AX. The MTL 611 and CNF41 Interface may also be used in the Non-Hazardous Division 1 or Division 2 Hazardous locations. Cable parameters in note 5 must be applied in all cases.</p>					
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