

13	12	11	10	9	8	7	6	5	4	3	2	1	
GLEE681ZL													

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Hazardous (Classified) Location
Class I , Division 1, Group A,B,C,D
Class II , Division 1, Group E,F,G
Class III , Division 1

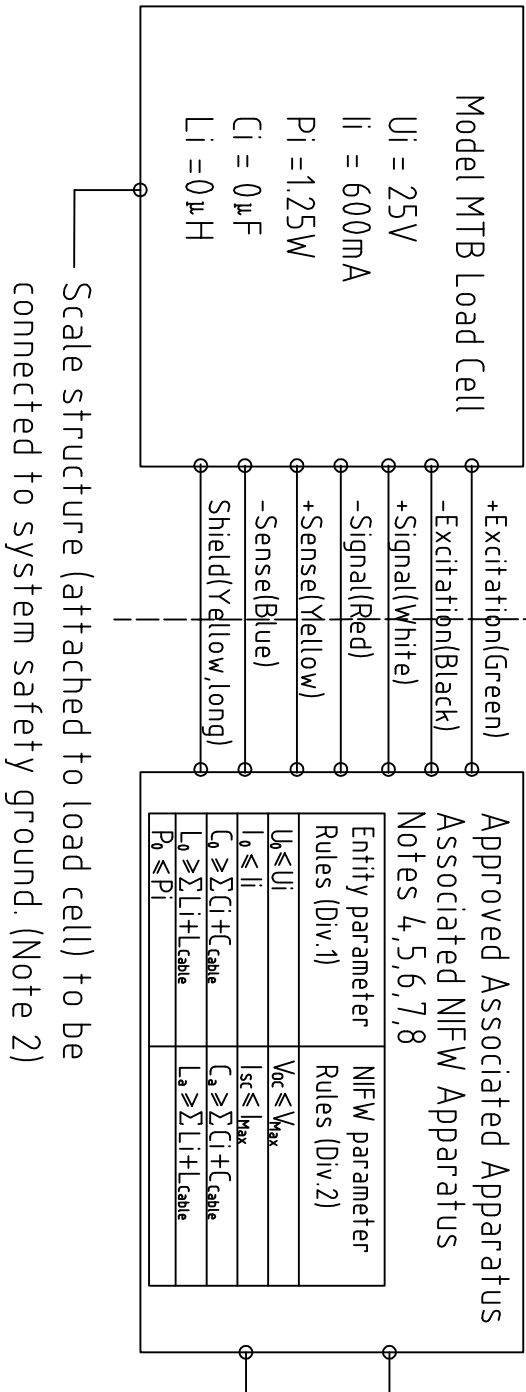
Class I , Division 2, Group A,B,C,D
Class II , Division 2, Group F,G
Class III , Division 2

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NON HAZARDOUS LOCATION

	Entity parameter (Div.1)		NIFW parameter (Div.2)
Ui	25V	V_{max}	25V
Ii	600mA	I_{max}	600mA
Ci	0 μ F	Ci	0 μ F
Li	0 μ H	Li	0 μ H
Pi	1.25W		

T-Code: T4 T-Code: T6

$$-40^{\circ}\text{C} \leq T_a \leq +50^{\circ}\text{C}$$


Scale structure (attached to load cell) to be connected to system safety ground. (Note 2)

NOTES:

1. INTEGRAL LOAD CELL CABLE TO BE 30m.
 2. THE RESISTANCE BETWEEN ALL SAFETY GROUND CONNECTIONS AND THE SYSTEM GROUNDING ELECTRODE MUST NOT EXCEED 1 Ω .
 3. THE INSTALLATION SHALL BE IN ACCORDANCE WITH THE CANADIAN ELECTRICAL CODE CSA 22.1 PART1
 4. UL LISTED METTLER TOLEDO MODELS IND560 AND IND780 MAY BE USED FOR DIV.2 INSTALLATION AS LONG AS THE ASSOCIATED NFW ENTRY PARAMETERS DO NOT EXCEED $V_m=25V$ AND $I_a=600mA$.
 5. THE MAXIMUM UNCLASSIFIED LOCATION VOLTAGE, $U_m=250V$ AC/DC.
 6. ASSOCIATED APPARATUS/ ASSOCIATED NFW APPARATUS CONTROL DRAWINGS MUST ALSO BE FOLLOWED WHEN INSTALLING THIS EQUIPMENT.
 7. MULTIPLE LOAD CELLS MAY BE WIRED IN PARALLEL USING A JUNCTION BOX CONSIDERED SIMPLE APPARATUS AS LONG AS THE SUM OF CAPACITANCE AND INDUCTANCE ARE LESS THAN CA AND LA.
8. IF CABLE ELECTRICAL PARAMETERS ARE UNKNOWN, THE FOLLOWING VALUES MAY BE USED:

$$\begin{aligned} C_{\text{CABLE}} &= 197 \text{ pF/m} (60 \text{ pF/ft}) \\ L_{\text{CABLE}} &= 0.66 \text{ } \mu\text{H/m} (0.20 \text{ } \mu\text{H/ft}) \end{aligned}$$

☐ Metrology

○	Safety
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Ex	
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DO NOT CHANGE DOCUMENT WITHOUT APPROPRIATE APPROVAL		B	
METTLER TOLEDO MTCN /MTC T / MTCZ		EX INSTL DWG CFM MTB A	
Control Drawing for Canada		72189337G	
G	500000056234	林捷	2018/7/18
F	500000029136	林捷	2016/11/27
E	500000011238	徐修斌	2013/5/6
D	500000002529	徐修斌	10.6.24
C	3007-187	徐修斌	07.10.10
B	3006-242	齐宇平	06.08.30
版本/VER 更改号/REV 更改人/BY 日期/DATE		FS Num. 图纸张数/STAGE SP 重量/WGT 比例/SCALE	
设计/DRN	黄勇	批准/APPD	
审核/CHECK	盛杰	认证/AGEN	刘玉春
工艺/MFG	周香松	日期/DATE	2005-07-28
6	5	4	3
SHEET: 第 1 页 of 共 1 页		2	
1		1	