30062229B

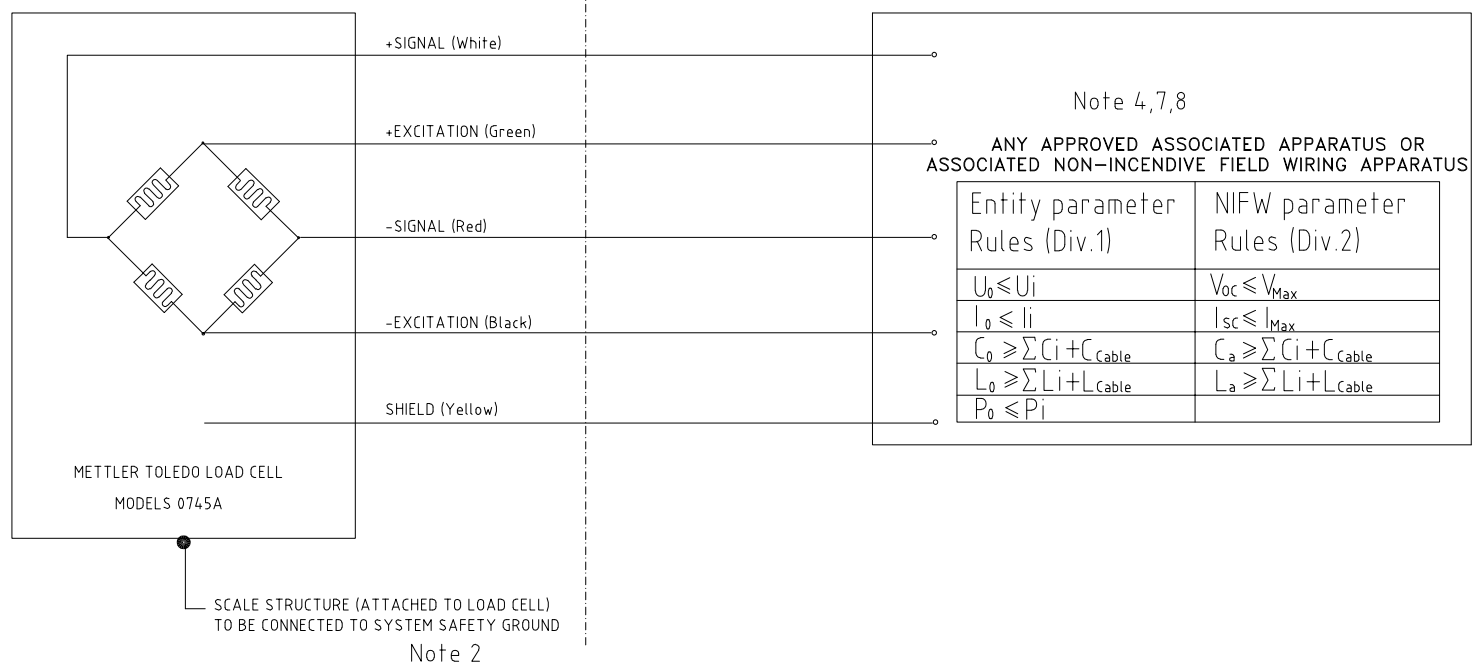
HAZARDOUS LOCATION

Class I,II,III Div.1 , Groups ABCDEFG
Class I Div.2 Groups ABCD
Class II Div.2 Groups FG
Class III Div.2

	Entity parameter (Div.1)		NIFW parameter (Div.2)
Ui	25V	V_{MAX}	25V
Ii	600mA	I_{MAX}	600mA
Ci	0μF	Ci	0μF
Li	29μH	Li	29μH
Pi	1.25W		

T-Code: T4 T-Code: T6

-40℃≤Ta≤+50℃



NOTES:

1. INTEGRAL LOAD CELL CABLE TO BE 100FT OR LESS
2. THE RESISTANCE BETWEEN ALL SAFETY GROUND CONNECTIONS AND THE SYSTEM GROUNDING ELECTRODE MUST NOT EXCEED 1Ω.
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 NIFW ENTITY PARAMETERS DO NOT EXCEED V_{oc} =20V AND I_{sc}=600Ma.
5. THE MAXIMUM UNCLASSIFIED LOCATION VOLTAGE, U_m=250V AC/DC.
6. ASSOCIATED APPARATUS/ ASSOCIATED NIFW 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:

C_{CABLE} =197pF/m(60pF/ft)
L_{CABLE} =0.66 μH/m(0.20 μH/ft)

NOTICE
THIS ITEM USED IN:
[X] AGENCY APPROVED PRODUCT
[ ] O.E.M. PRODUCT
DO NOT CHANGE DOCUMENT WITHOUT APPROPRIATE APPROVAL

认证标记/Appro Mark
Metrology
Safety
Ex

B	500000056234	王继锋	2018.7.20	FS Num.			
版本/VER	更改号/ER,ECN.NO.	更改人/BY	日期/DATE	图样阶段/STAGE	SP	重量/WGT	比例/SCALE
设计/DRN	XYJ	批准/APPD		S	A	N	1:1
审核/CHECK	LCL	认证/AGEN	LYC	SHEET: 第 1 页 of 共 1 页			
工艺/MFG		日期/DATE	2013/05/20				

Control Drawing for Canada

METTLER TOLEDO
MTCN /MTCT / MTCZ

Ex INSTL DWG cFM 0745A,0745A ADV

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