

SPECIFICATIONS:

MECHANICAL:
 WETTED MATERIALS: USER SUPPLIED
 ENCLOSURE: TYPE 360 ALUMINUM; EPOXY POWDER COATED

SENSOR REQUIREMENT:
 USER-SUPPLIED SENSOR FOR EXPLOSION-PROOF MODELS ONLY MUST BE 4-WIRE RTD, 100 Ω PLATINUM, DIN 0.00385

ELECTRICAL:
 ELECTRICAL CONNECTION:
 3 POSITION TERMINAL BLOCK, 22-14 AWG Max

SWITCH SPECS:
 POWER INPUT: 2 WIRE 48 VDC DISCRETE INPUT POWERED (30-50 VDC) @ 750µA
 SWITCH OUTPUT: 30 TO 50 VDC @ 40mA, 2.0mA MIN. LOAD REQUIRED
 SWITCH STATE MAX : 30-50 VDC @ 1mA (V. OPEN)
 5.0VDC @40 mA (V. CLOSED)

APPROVALS:

cULus LISTED
 CLASS I, DIVISION 1, GROUPS A, B, C & D;
 CLASS II, DIVISION 1, GROUPS E, F & G; CLASS III
 CLASS I, ZONE 1, Aex d IIC T5; CLASS 1, ZONE 1, Ex d IIC T5
 Tamb = -40°C TO +85°C (-40°F TO 185°F)
 ENCLOSURE TYPE 4X; IP66

ATEX APPROVED
 II 2 G Ex d IIC T5
 II 2 D Ex ID A21 IP66 T+90C
 DEMKO 09 ATEX 0813748X
 Tamb = -40°C TO +85°C (-40°F TO 185°F)

IECEx APPROVED
 IECEx UL 08.0017
 Ex d IIC T5
 Ex ID A21 IP66 T+90C
 Tamb. = -40°C TO +85°C (-40°F TO 185°F)

MODEL TUX	TEMPERATURE RANGE	
	°F	°C
TU1	-300 TO 200	-184 TO 93
TU2	-40 TO 450	-40 TO 232
TU3	-40 TO 1000	-40 TO 538

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A	FIRST ISSUE. ECN#E3133	4-7-09	RAM	RAM
REV.	DESCRIPTION	DATE	DRWN	APPD

ORIGINAL DATE	4-7-09
DRWN	RAM
CHKD	RAM
APPD	R. McCAREY
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON FRACTIONS ±1/64	
2 PLACE DEC ±0.010	3 PLACE DEC ±0.005
ANGLES ±1/2°	
DO NOT SCALE THIS DRAWING	

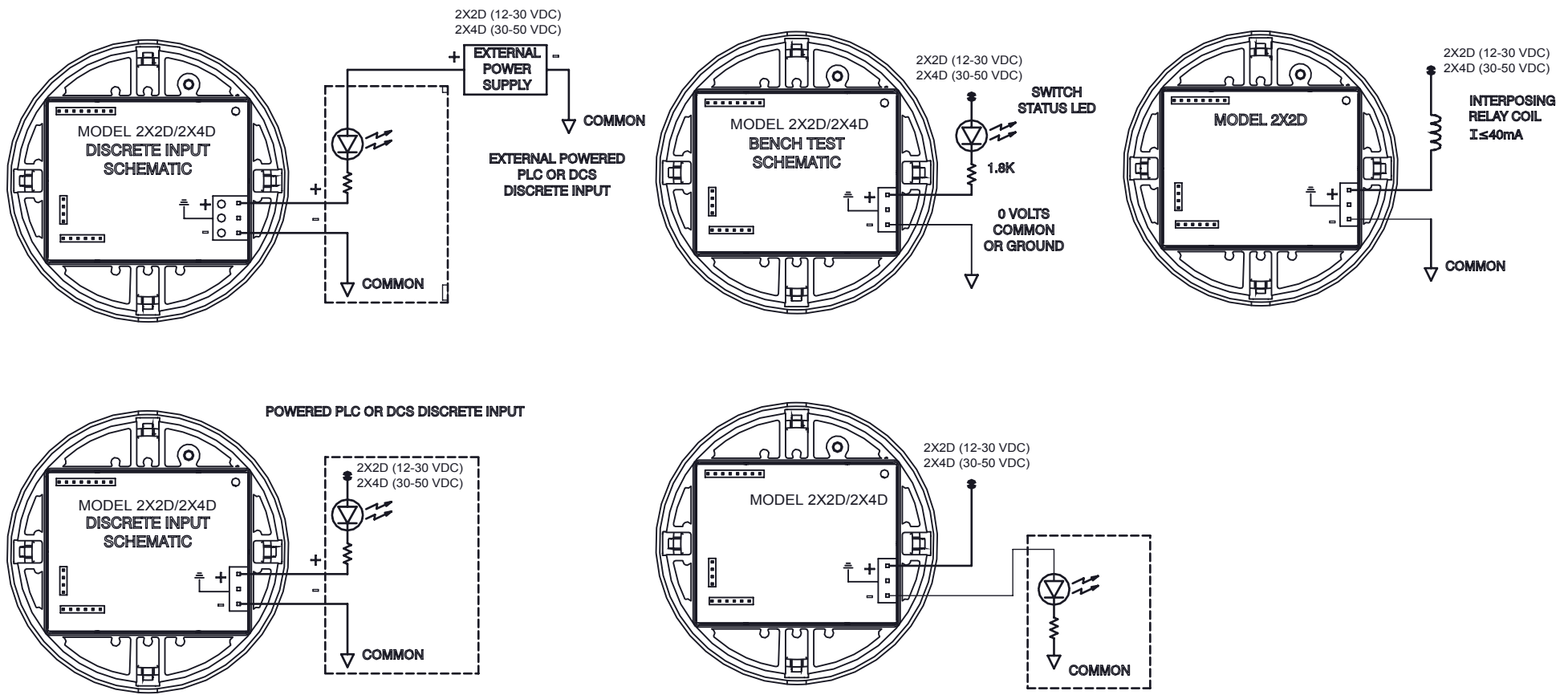
TITLE
2X4D USER TEMP. SWITCH

USED ON:
 SCALE 1:1

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 WATERTOWN * MASSACHUSETTS

DWG NO Page 1 of 2
A-13927

RECOMMENDED WIRING SCHEMES



ORIGINAL DATE	4-7-09
DRWN	RAM
CHKD	RAM
APPD	R. McCAREY
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2 PLACE DEC	3 PLACE DEC
±0.010	±0.005
ANGLES	±1/2°
DO NOT SCALE THIS DRAWING	

TITLE	2X4D USER TEMP. SWITCH
USED ON:	
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DWG NO A-13927 Page 2 of 2

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