

**SPECIFICATIONS:**

**MECHANICAL:**  
 WETTED MATERIALS: 316 STAINLESS STEEL  
 ENCLOSURE: TYPE 360 ALUMINUM; EPOXY POWDER COATED

**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 tD 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 tD A21 IP66 T+90C  
 Tamb. = -40°C TO +85°C (-40°F TO 185°F)

MODEL TRX	TEMPERATURE RANGE	EXTENSION LENGTH	
		ft	[meter]
TR1	-40 TO 450°F/ -40 TO 232°C	6'	[1.8]
TH1	-40 TO 1000°F/ -40 TO 538°C	6'	[1.8]
TRC	-40 TO 450°F/ -40 TO 232°C	UP TO 30' max. IN 1' INCREMENTS	[9.1] MAX
THC	-40 TO 1000°F/ -40 TO 538°C	UP TO 30' max. IN 1' INCREMENTS	[9.1] MAX

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	3 PLACE DEC
±0.010	±0.005
ANGLES	±1/2°
DO NOT SCALE THIS DRAWING	

TITLE

**2X4D  
 REMOTE  
 TEMP.  
 SWITCH**

USED ON:

SCALE 1:1

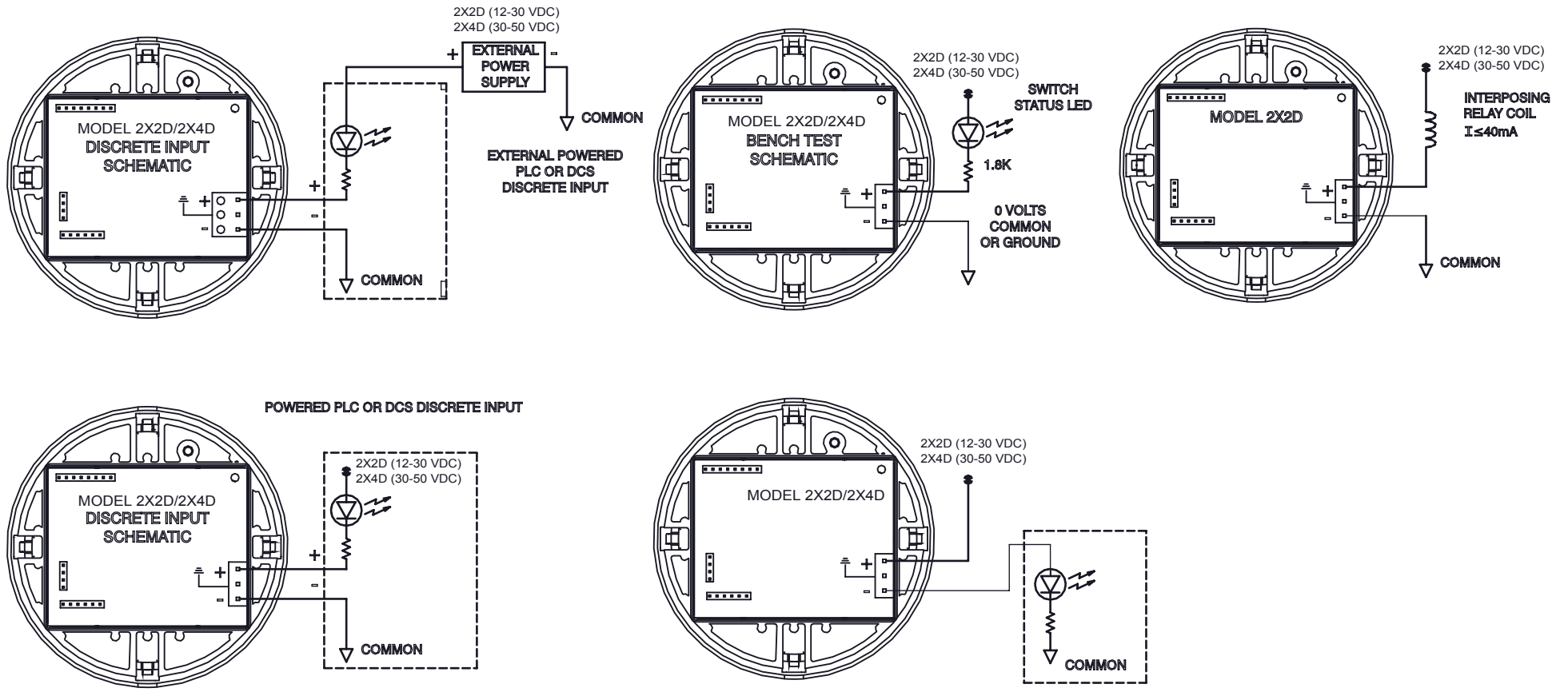
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 CONTROLS COMPANY**  
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**A-13926**

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	REV.	DESCRIPTION	DATE	DRWN	APPD

## RECOMMENDED WIRING SCHEMES



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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 $\pm 1/64$		
2 PLACE DEC	3 PLACE DEC	ANGLES
$\pm 0.010$	$\pm 0.005$	$\pm 1/2^\circ$
DO NOT SCALE THIS DRAWING		

TITLE	<b>2X4D REMOTE TEMP. SWITCH</b>
USED ON:	
SCALE	1:1



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