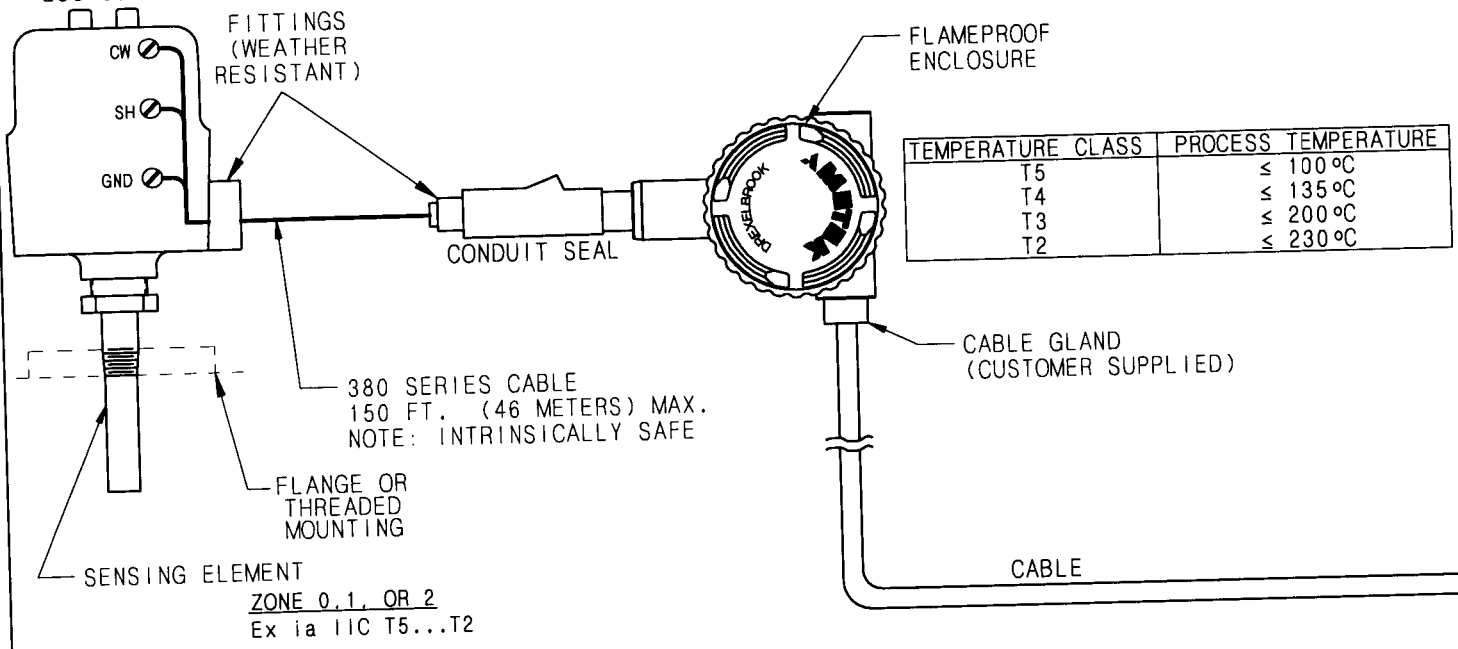


PROBE ENCLOSURE
 285-0001-062
 285-0001-063
 285-0001-064
 285-0001-065
 285-0001-067

**FLAMEPROOF TRANSMITTER ENCLOSURE
 WITH INTRINSICALLY SAFE OUTPUT
 (REMOTE PROBE)**

POTENTIALLY HAZARDOUS AREA - ZONE 0, 1
 Ex d [ia] IIC T5
 T 100°C
 MAXIMUM AMBIENT TEMPERATURE 70°C

NON-HAZARDOUS AREA



****APPROVED DRAWING****
 CHANGES TO THIS DRAWING
 REQUIRE AGENCY APPROVAL
 PER 440-0015-003
 FM CSA KEMA

 420-0004-227 _____

EQUIPMENT MUST NOT USE OR
 GENERATE MORE THAN 250 VAC.

INPUT VOLTAGE
 18-200 VDC
 19-250 VAC
 50-60 Hz, 2W
 CHASSIS GROUND 1
 TERMINALS 2-3

RELAY
 CONNECTIONS
 30VDC OR 250 VAC
 (MAXIMUM)
 TERMINALS 4-9

(SENSING ELEMENTS ARE INTRINSICALLY SAFE FOR ABOVE CLASSIFICATIONS. SEE SHEETS 2 & 3 FOR MODEL NUMBERS).
 MODEL NUMBERING SYSTEM FOR TestSafe APPROVED SYSTEMS - SEE SHEETS 2 & 3

- NOTES:
1. ALWAYS INSTALL TO CODES/REQUIREMENTS/DIRECTIVES AS MANDATED BY THE AUTHORITY HAVING JURISDICTION.
 2. USE COPPER WIRING ONLY.
 3. ASSOCIATED APPARATUS MUST NOT USE OR GENERATE MORE THAN 250 VOLTS.
 4. NO REVISIONS TO THIS DOCUMENT WITHOUT TestSafe APPROVAL.
 5. UNUSED OPENINGS MUST BE PROPERLY SEALED TO MAINTAIN ENCLOSURE ENVIRONMENTAL AND/OR HAZARDOUS LOCATION RATINGS.

CERTIFIED	by _____	COPYRIGHT 2004
PO # _____		AMETEK DREXELBROOK
ENG _____		SCALE NONE
USER _____		UNLESS OTHERWISE STATED ALL DIMENSIONS IN INCHES (MM)
	1 4-04-213 <i>Sif</i> 9-20-04	DR. JJS 4-16-04
ISS. EDO/DSR NO.	APP'D	DATE
DE # _____		CK. <i>crv</i>

AMETEK®
DREXELBROOK

205 KEITH VALLEY RD
 HORSHAM, PA 19044-9988

215-674-1234
 FAX 215-674-2731

TestSafe CONTROL
 DRAWING FOR
 "ThePoint" SERIES
 ZONE [0] 1 OR 2 (REMOTE)

420-0004-245-CD

SHT. 1 OF 3
 ISS. 1

NO. 420-0004-245-CD
 SHT. 1 OF 3

COLUMNS 9 AND UP DO NOT AFFECT SAFETY

1	2	3	4	5	6	7	8	9	10	11	12
P	a	L	b	c	d	e	f	*	*	*	*
	a										
			b								
				c							
					d						
						e					
							f				
								Z	Z		
								0	0		
									1		
									2		
									3		
									4		
									6		
									7		
									9		
								1	0		
									1		
									2		
									3		
									4		
									5		
									6		
									7		
									8		
									2	0	
									3	1	
										2	
										3	
										4	
										5	
										5	0
										1	
										2	
										3	
										5	
										6	0

a = MODE N = STD AUTO CAL
 L = STD 2pf FIXED
 T = 10pf AUTO CAL
 V = 10pf FIXED
 H = HI SENSE .5pf AUTO CAL
 P = HI SENSE .5pf FIXED
 G = HI SENSE MANUAL
 M = STD SENSE MANUAL

b = OUTPUT 1 = 1 DPDT RELAY 2 = 1 GOLD DPDT RELAY

c = ENCLOSURE...2 = M20 ENTRIES
 3 = 3/4 NPT ENTRIES

d = 1-9 - CABLE OPTIONS (REMOTE)

e = 0-3, 5, 6, OR Z SENSING ELEMENTS

f = 0-9, OR Z SENSING ELEMENTS

SENSING ELEMENTS

SEE SHEET 3 FOR ADDITIONAL APPROVED SENSING ELEMENTS

700-1202-001

700-1202-012

700-1202-014

700-1202-018

700-1202-041

700-1202-031

700-1202-010

700-1202-033

700-0001-018

700-0201-005

700-0201-005...HAST C

700-0201-036

700-0202-002

700-0202-043

700-0002-360

700-0202-036

700-0001-022

700-0209-022

700-0029-001

700-0029-002

700-0029-003

700-0029-004

700-0029-005

700-0207-001

700-0207-002

700-0207-003

700-0207-004

700-0207-066

700-0204-038

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SCALE NONE
 UNLESS OTHERWISE STATED
 ALL DIMENSIONS IN INCHES (MM)

DR. JJS 4-16-04

CK. CDW

CERTIFIED by _____
 PO # _____
 ENG _____
 USER _____
 DE # _____



TestSafe APPROVED
 "ThePoint"
 MODEL NUMBERING SYSTEM
 (REMOTE)

1	4-04-213	SEF	9-20-04
ISS.	EDO/DSR NO.	APP'D	DATE

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420-0004-245-CD SHT. 2 OF 3 ISS. 1

NO. 420-0004-245-CD

SHT 2 OF 3

MODEL NUMBERS OF APPROVED INTRINSICALLY SAFE SENSING ELEMENTS

700-mnop-qrs-t LEVEL PROBE

- m = FAMILY NO. 0 THROUGH 9, BLANK
- n = FAMILY NO. 0 THROUGH 9, BLANK
- o = 0 THROUGH 9, BLANK
- p = 0 THROUGH 9
- q = FAMILY NO. 0 THROUGH 9, BLANK
- r = FAMILY NO. 0 THROUGH 9, BLANK
- s = FAMILY NO. 0 THROUGH 9
- t = 14 CHARACTER EXPANDED NUMBERING SYSTEM, DOES NOT AFFECT SAFETY

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AMETEK DREXELBROOK
SCALE NONE
<small>UNLESS OTHERWISE STATED ALL DIMENSIONS IN INCHES (MM)</small>
DR. JJS 4-16-04
CK. CDW

CERTIFIED	by _____
PO #	_____
ENG	_____
USER	_____
DE #	_____

TestSafe APPROVED
ADDITIONAL INTRINSICALLY
SAFE SENSING ELEMENTS
(REMOTE)

1	4-04-213	SQ	9-20-04
ISS.	EDO/DSR NO.	APP'D	DATE

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DREXELBROOK

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SHT. 3	ISS.
OF 3	1

NO. 420-0004-245-CD

SHT. 3 OF 3