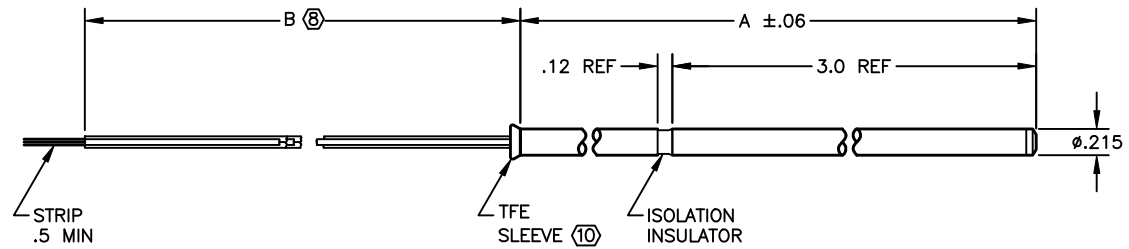


WHEN ORDERING SPECIFY CASE LENGTH, NUMBER OF LEADS, AND LEAD LENGTH.

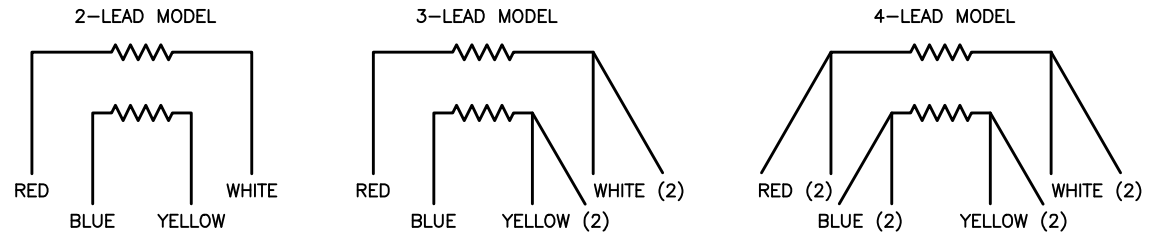
S13061PD180Z12 ← EXAMPLE OF MODEL NUMBER

S13061 SPECIFICATIONS DRAWING NUMBER.
PD SENSING ELEMENT:
 PD = 100 OHM ±.1%, .00385 PLATINUM.
180 CASE LENGTH A IN .1" INCREMENTS (180 = 18.0").
 MINIMUM A = 60 (6.0");
 MAXIMUM A = 480 (48.0").
Z NUMBER OF LEADS:
 Y = 2 LEADS PER ELEMENT;
 Z = 3 LEADS PER ELEMENT;
 X = 4 LEADS PER ELEMENT.
12 LEAD LENGTH B IN INCHES.

REVISIONS				
REV	DESCRIPTION	DATE	ECO	DR APPD
C	REVISED NOTES	03-29-01	37219	WAB DLW



SCHEMATIC DIAGRAMS



- ELEMENTS (2): PLATINUM.
- RESISTANCE (EACH ELEMENT): 100.0 OHMS ±.1% (100.1/99.9) AT 0°C (32°F), EXCLUDING LEADWIRE RESISTANCE; R/T TABLES #5-100 (°C) AND #6-100 (°F).
- RESISTANCE-TEMPERATURE COEFFICIENT: .00385 OHM/OHM/°C NOMINAL FROM 0°C TO 100°C.
- TEMPERATURE RANGE: -50°C TO 260°C (-58°F TO 500°F).
- INSULATION RESISTANCE: 100 MEGOHMS MINIMUM AT 100 VOLTS DC, BETWEEN ELEMENTS AND LEADS TO PROBE CASE.
- LEADS: AWG #24, STRANDED, TFE INSULATED.
- DIELECTRIC STRENGTH: 1000 VOLTS RMS AT 60 Hz FOR 30 SECONDS, BETWEEN CASE SECTIONS, WITH 1 mA MAXIMUM LEAKAGE CURRENT.
- TOLERANCE ON LEAD LENGTH: .71" AND UNDER: +2/-0"; .72" TO 1.19": +4/-0"; 1.20" AND OVER: +6/-0".
- CASE: STAINLESS STEEL, COPPER ALLOY TIP.
- CASE MAY BE CUT TO SHORTER LENGTH. USE CARE NOT TO DAMAGE LEADWIRE INSULATION. LOCATE THE SLIP-FIT TFE SLEEVE IN END OF CUT-OFF CASE TO PROTECT LEADWIRE INSULATION AT POINT OF EMERGENCE. MINIMUM A FOR CUT-OFF CASE IS 60 (6.0").
- THE RESISTANCE THERMOMETER WILL MEET THE RESISTANCE-TEMPERATURE RELATIONSHIP AND TOLERANCES SPECIFIED IN IEC 751, CLASS B.

UNLESS OTHERWISE SPECIFIED DIMENSIONS AND TOLERANCES IN INCHES DIMENSIONS IN [] ARE IN MILLIMETERS		INITIALS	DATE	ITEM	REQD	PART/STOCK NO	MATERIAL DESCRIPTION
ONE PLACE (.0)	±.020 [±0,51]	RJB	10-31-90	TITLE:			MINCO PRODUCTS, INC. MINNEAPOLIS, MN, USA <small>COMPANY CONFIDENTIAL PROPRIETARY INFORMATION OF MINCO PRODUCTS, INC. DO NOT DUPLICATE</small>
TWO PLACE (.00)	±.010 [±0,25]	JSS	06-09-95	RESISTANCE THERMOMETER, DUAL			
THREE PLACE (.000)	±.005 [±0,13]	JR	09-28-97	PROBE TYPE, TIP-SENSITIVE			
ANGLES:		DLW	06-09-95	(ELECTRICAL ISOLATION)			
MATERIAL:		ENGR		S13061 SERIES			CAGE IDENT. 09359
FINISH:		QA		REF: 840B827F02			THIRD ANGLE PROJECTION
		PRD		CGP Transferred 4/10/01 ILP			S13061
		NEXT ASSY	INTL JOB 5-	SCALE: NONE	STOCK NO	DWG SIZE B	REV C
		USED ON	31689				SHEET 1 OF 1