

WHEN ORDERING SPECIFY THE FOLLOWING:

S13282PD3S72C36M400 EXAMPLE OF MODEL NUMBER MAKEUP

S13282PD | BASE MODEL NUMBER:

BASE MODEL	ELEMENT TYPE	RESISTANCE*	R/T TABLE (°C)
S12414PA	PLATINUM	100.00Ω ± .36% (100.36/99.64) @ 0°C (32°F)	1-100
S13282PD	PLATINUM (8)	100.00Ω ± .12% (100.12/99.88) @ 0°C (32°F)	5-100
S13282PE	PLATINUM	100.00Ω ± .36% (100.36/99.64) @ 0°C (32°F)	5-100
S13282PM	PLATINUM (8)	100.00Ω ± .06% (100.06/99.94) @ 0°C (32°F)	5-100
S101910PF	PLATINUM (8)	1000.00Ω ± .12% (1001.2/998.8) @ 0°C (32°F)	5-1000

* LEADWIRE RESISTANCE IS EXCLUDED.

3 | NUMBER OF LEADS:

2 = 2 LEADS (NOT AVAILABLE ON PD AND PM MODELS):

3 = 3 LEADS:

4 = 4 LEADS.

S LEADWIRE COVERING:

T = TFE INSULATED LEADS ONLY:

S = STAINLESS STEEL BRAID OVER TFE INSULATED LEADS:

F = FEP OVER TFE INSULATED LEADS:

R = FEP OVER STAINLESS STEEL BRAID AND TFE INSULATED LEADS.

E = FEP OVER STAINLESS STEEL BRAID WITH ELASTOMER FILL (1) (7)

E = FEP OVER STAINLESS STEEL BRAID WITH ELASTOMER FILL (MAX ELASTOMER FILL LENGTH = 144" [3657]).

72 LEAD LENGTH A IN 1" INCREMENTS.

(STANDARD LENGTHS ARE 12, 24, 36, 48, 60, 72, AND 144 INCHES.)

TO ORDER WITHOUT FEEDTHROUGH STOP HERE. TO ORDER WITH FEEDTHROUGH, ADD THE FOLLOWING: 10

C36 FEEDTHROUGH DISTANCE FROM SENSOR CASE IN 1" INCREMENTS (C36 = 36").

M | FEEDTHROUGH DIAMETER CODE:

CODE	DIA	FEEDTHROUGH MODEL	CODE	DIA	FEEDTHROUGH MODEL
H	.188 [4.78]	AC958	K	.236 [6.00]	AC210636
J	.215 [5.46]	AC717	M	.250 [6.35]	AC718

FEEDTHROUGH DIAMETER DICTATES FEEDTHROUGH MODEL.
SEE SPECIFICATIONS DRAWING FOR DETAILS.

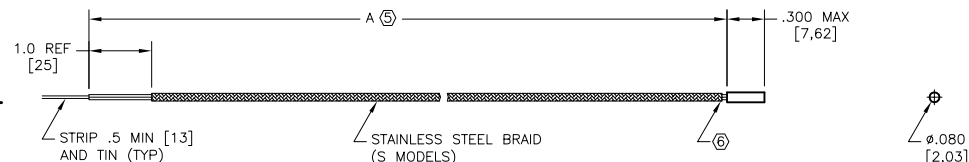
400 FEEDTHROUGH LENGTH IN .01" INCREMENTS. THE FOLLOWING ARE STANDARD LENGTHS:

200 = 2.00 [50,8]	300 = 3.00 [76,2]	400 = 4.00 [101,6]
250 = 2.50 [63,5]	350 = 3.50 [88,9]	450 = 4.50 [114,3]

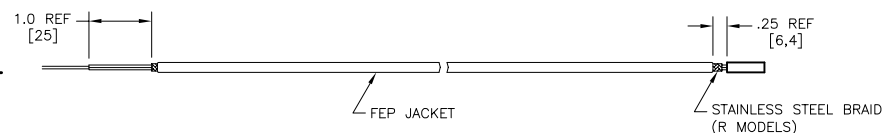
REVISIONS

REV	DESCRIPTION	DATE	ECO	DR	APPD
J	COMBINED MODELS INTO ONE DRAWING; ADDED PM OPTION TO S13282; ADDED FEEDTHROUGH OPTION	01-14-13	1961624	JWR	HMA

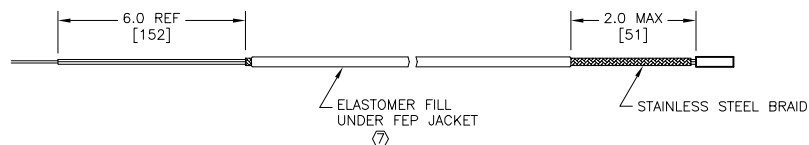
T OR S MODEL



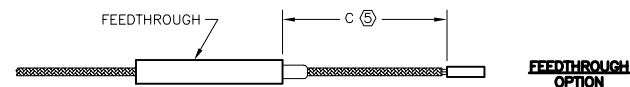
F OR R MODEL



E MODEL

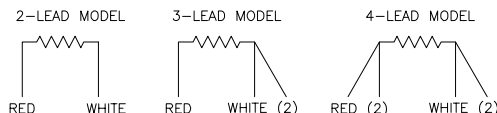


S MODEL SHOWN



SCHEMATIC DIAGRAMS

- (1) RTD TEMPERATURE RANGE: -50°C TO 260°C (-58°F TO 500°F), REDUCING TO 125°C (257°F) WHEN ELASTOMER FILLED CABLE IS ORDERED.
2. INSULATION RESISTANCE: 10 MEGOHMS MINIMUM AT 100 VOLTS DC, LEADS TO CASE, LEADS TO STAINLESS STEEL BRAID (WHEN USED), AND LEADS TO FEEDTHROUGH (WHEN ORDERED).
3. LEADS: STRANDED, TFE INSULATED. AWG #30 FOR 2-LEAD AND 3-LEAD MODELS, AND AWG #34 FOR 4-LEAD MODELS. SEE MODEL NUMBER MAKEUP FOR LEAD COVERING OPTIONS.
4. CASE: STAINLESS STEEL.
- (5) LEAD LENGTH TOLERANCE: +1/-0" [+25/-0] FOR LEAD LENGTH OF 24" [610] OR LESS; +5/-0% FOR LEAD LENGTH GREATER THAN 24" [610].
- (6) STAINLESS STEEL BRAID, WHEN USED, DOES NOT ENTER CASE.
- (7) ELASTOMER FILL BEGINS AT SENSOR END OF CABLE, TO A MAXIMUM ELASTOMER FILL LENGTH OF 144" [3657]. LEAD LENGTHS OVER 150" WILL BE FILLED TO 144" MINIMUM.
- (8) THE PD, PF, AND PM MODELS MEET THE RESISTANCE-TEMPERATURE RELATIONSHIP AND TOLERANCES SPECIFIED IN EN 60751, CLASS A (PM) OR CLASS B (PD OR PF).
9. INSTALLATION: SEE MINCO ENGINEERING INSTRUCTION #184 FOR SUGGESTED PROCEDURE TO INSTALL IN BEARINGS.
- (10) FEEDTHROUGH: MATERIAL: STAINLESS STEEL;
PRESSURE RATING: 25 PSI;
TEMPERATURE RATING: 148°C (300°F).



UNLESS OTHERWISE SPECIFIED DIMENSIONS AND TOLERANCES IN INCHES DIMENSIONS IN [] ARE IN MILLIMETERS ONE PLACE (.0) ±.020 [±0.51] TWO PLACE (.00) ±.010 [±0.25] THREE PLACE (.000) ±.005 [±0.13] ANGLES:	INITIALS	DATE	ITEM	REQD	INVENTORY NO	MATERIAL DESCRIPTION						
	DR JWR	01-14-13	TITLE: RESISTANCE THERMOMETER BEARING TYPE (CASE STYLE D) REF: TAB0166				 COMPANY CONFIDENTIAL PROPRIETARY INFORMATION OF MINCO PRODUCTS, INC. DO NOT DUPLICATE S12414, S13282, S101910 REV J					
	CHK HMA	06-09-14										
	APP APK	06-09-14										
	ENGR CDO	06-19-14										
MATERIAL:	QA											
	PRD											
FINISH:	NEXT ASSY	PROD CODE 440										
	USED ON	INIT. ORDER	INVENTORY NO	SCALE NONE	DWG SIZE B		CASE IDENT. 09758	SHEET	1	OF	1	