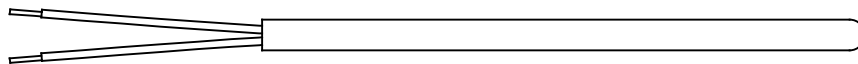
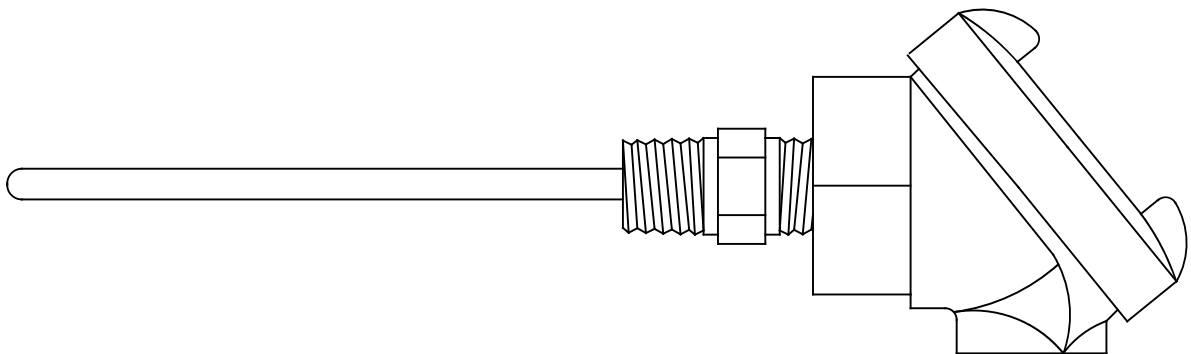
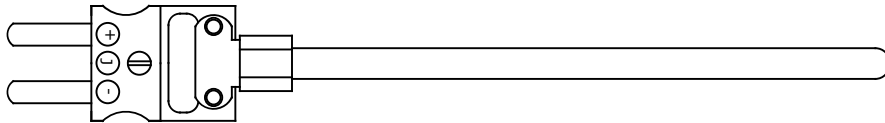
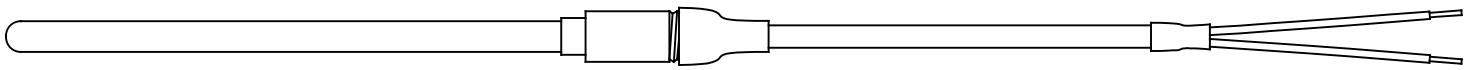
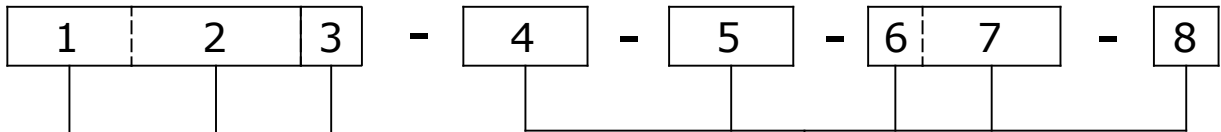


RESISTANCE TEMPERATURE DETECTORS



Acrolab's Resistance Temperature Detector's are available in the same styles as our thermocouples. Standard accuracy is 0.3%, but are available in 0.01% for more accuracy. Standard temperature RTD's are designed and built to be moisture resistant, where as high temperature RTD's generally are not. Acrolab's RTD's are built with a 316SS sheath as standard.

RESISTANCE TEMPERATURE DETECTORS [1 to 3]



4 TO 8: SEE PAGES C-26 TO C-33

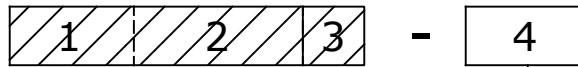
3. SHEATH AND OTHER OPTIONS	
CODE	DESCRIPTION
A	HIGH ACCURACY BULB ($\pm 0.01\%$ ACCURACY)
C	FAST RESPONSE COPPER SHEATH
H	HIGH TEMP BULB (400°F / 204°C) (0.1% ACCURACY ONLY)
P	BLACK PVC COATING ON SHEATH
T	CLEAR TEFLON COATING ON SHEATH

2. SHEATH LENGTH
INSERT 3 DIGIT LENGTH IN INCHES

1. CALIBRATION, TUBE DIAMETER AND MATERIAL					
ACCURACY AT 0° C	MATERIAL	1/8" OD	3/16" OD	1/4" OD	3/8" OD
SINGLE ORDER CODE NUMBERS					
$\pm .03\%$	316 SS	RTD28	RTD38	RTD48	RTD68
DUAL ORDER CODE NUMBERS					
$\pm .03\%$	316 SS	RTD/RTD28	RTD/RTD38	RTD/RTD48	RTD/RTD68

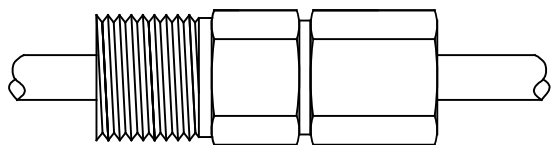
*RTDs COME STANDARD AS 3-WIRE (2 RED, 1 WHITE),
2 AND 4 WIRE ARE AVAILABLE UPON REQUESTED

RESISTANCE TEMPERATURE DETECTORS [4]

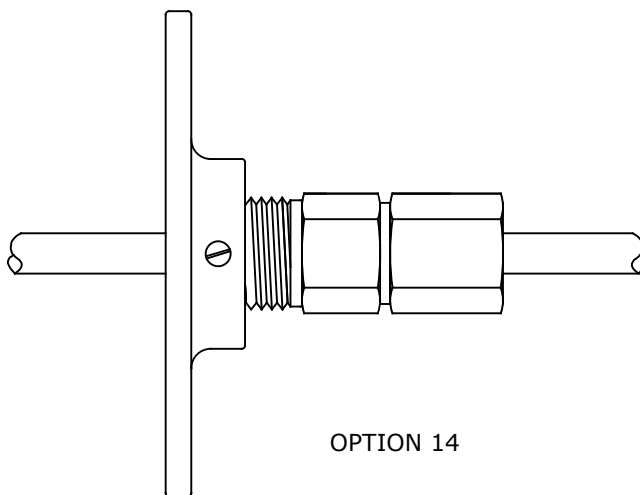


4. ELEMENT FITTING		
CODE	FITTING TYPE	DESCRIPTION
00	NO ELEMENT MOUNTING FITTING	
01	STAINLESS STEEL, ONE TIME ADJUSTABLE COMPRESSION FITTING	1/8" NPT, STAINLESS STEEL FERRULE
02	STAINLESS STEEL, ONE TIME ADJUSTABLE COMPRESSION FITTING	1/2" NPT, STAINLESS STEEL FERRULE
05	STAINLESS STEEL, ONE TIME ADJUSTABLE COMPRESSION FITTING	1/4" NPT, STAINLESS STEEL FERRULE
09	STAINLESS STEEL, RE-ADJUSTABLE COMPRESSION FITTING	1/8" NPT, LAVA PACKING GLAND
12	STAINLESS STEEL, RE-ADJUSTABLE COMPRESSION FITTING	1/8" NPT, TEFLON FERRULE
14	ADJUSTABLE STEEL FLANGE WITH BRASS COMPRESSION FITTING	3.5" OUTSIDE DIAMETER
15	BRASS, ADJUSTABLE COMPRESSION FITTING	1/8" NPT, BRASS FERRULE
18	304 STAINLESS STEEL WELD PAD (1" X 1" X 1/8" THICK STANDARD)	1/8" NPT, BRASS FERRULE
19	BRASS, ADJUSTABLE SPRING LOADED WELL FITTING	1/2" NPT, STAINLESS STEEL FERRULE
25	BRASS, ADJUSTABLE COMPRESSION FITTING	1/4" NPT, BRASS FERRULE
20(X)	BAYONET CAP AND SPRING (SPECIFY "X" DIMENSION)	AVAILABLE FOR 1/8" AND 3/16" DIAMETER SHEATHS
21(X)	FIXED STAINLESS STEEL BUSHING (SPECIFY "X" DIMENSION)	1/8" NPT, AVAILABLE FOR 1/16", 1/8", 3/16" AND 1/4" OD SHEATHS ONLY
23(X)	FIXED STAINLESS STEEL BUSHING (SPECIFY "X" DIMENSION)	1/4" NPT, AVAILABLE FOR 1/16", 1/8", 3/16" AND 1/4" OD SHEATHS ONLY
24(X)	FIXED STAINLESS STEEL BUSHING (SPECIFY "X" DIMENSION)	1/2" NPT, AVAILABLE FOR 1/8", 3/16", 1/4" AND 3/8" OD SHEATHS
25(X)	FIXED STAINLESS STEEL BUSHING (SPECIFY "X" DIMENSION)	3/4" NPT, AVAILABLE FOR 1/8", 3/16", 1/4" AND 3/8" OD SHEATHS
AA	SPECIAL FITTING, DESCRIBE	

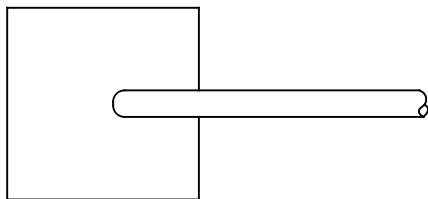
RESISTANCE TEMPERATURE DETECTORS [4]



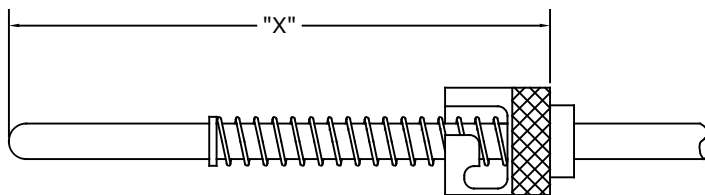
OPTIONS 01 TO 15, AND 25



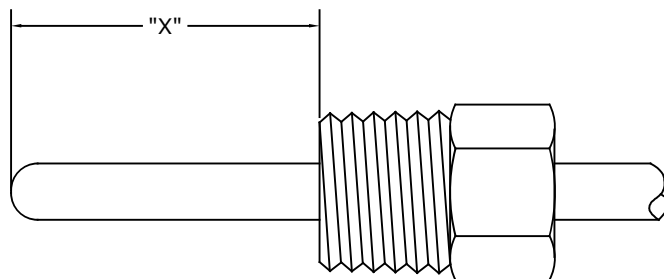
OPTION 14



OPTION 18

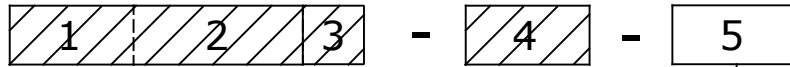


OPTION 20(X)



OPTIONS 21(X) TO 25(X)

RESISTANCE TEMPERATURE DETECTORS [5]



5A. SHEATH TERMINATIONS	
CODE	DESCRIPTION
01	SQUARED END
02	1" STRIPPED LEADS
22	3" STRIPPED LEADS
37	1/2" NPT STEEX HEX. FITTING WITH 3" STRIPPED LEADS
38	1/2" NPT STAINLESS STEEX HEX. FITTING WITH 3" STRIPPED LEADS

5B. PLUG & JACK TERMINATIONS	
CODE	DESCRIPTION
03	STANDARD SIZE PLUG 1/16" THROUGH 1/4" OD SHEATH ONLY
04	STANDARD SIZE PLUG WITH MATING JACK
05	MINIATURE SIZE PLUG 1/16" THROUGH 3/16" OD SHEATH ONLY
06	MINIATURE SIZE PLUG WITH MATING JACK
39	STANDARD SIZE JACK 1/16" THROUGH 1/4" OD SHEATHS ONLY
40	STANDARD SIZE JACK WITH MATING PLUG
41	MINIATURE SIZE JACK 1/16" THROUGH 1/4" SHEATH ONLY
42	MINIATURE SIZE JACK WITH MATING PLUG
AA	SPECIAL FITTING (DESCRIBE)

RESISTANCE TEMPERATURE DETECTORS [5]

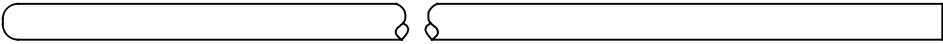


5C. SHEATH TERMINATIONS	
HEAD TERMINATIONS	
CODE	DESCRIPTION
17	MINIATURE PLASTIC HEAD, 1/4" NPT PROCESS AND CONDUIT OPENEINGS
31	CAST ALUMINUM SCREW COVER HEAD WITH NO PROCESS THREAD
32	CAST ALUMINUM SCREW COVER HEAD WITH 1/2" NPT STEEL HEX. FITTING
33	CAST ALUMINUM SCREW COVER HEAD WITH 1/2" NPT SS HEX. FITTING
34	CAST IRON SCREW COVER HEAD WITH NO PROCESS THREAD
35	CAST IRON SCREW COVER HEAD WITH 1/2" NPT STEEL HEX. FITTING
36	CAST IRON SCREW COVER HEAD WITH 1/2" NPT SS HEX. FITTING
TR	HEAD MOUNTED TRANSMITTER (DETAILS TO BE GIVEN)

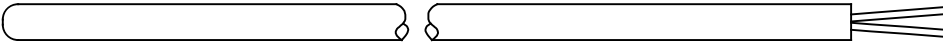
5D. LEADWIRE TRANSITIONS	
CODE	DESCRIPTION
15	EXTENSION LEADWIRE TRANSITION FITTING AND RELIEF SPRING
15H	HIGH TEMPERATURE TRANSITION FITTING
16	EXTENSION LEADWIRE TRANSITION FITTING SEALED WITH HEAT SHRINK
19	INLINE TRANSITION FITTING
BB	SPECIAL TERMINATION (DESCRIBE)

RESISTANCE TEMPERATURE DETECTORS [5]

SHEATH TERMINATIONS [5A]



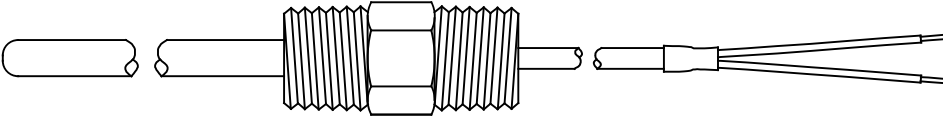
OPTION 01



OPTION 02

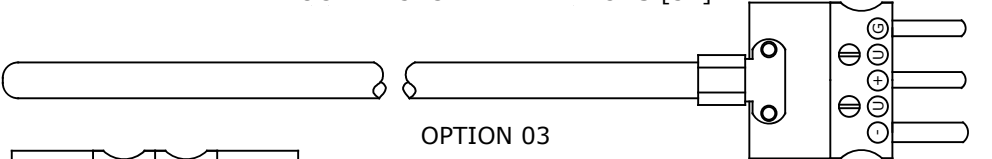


OPTION 22

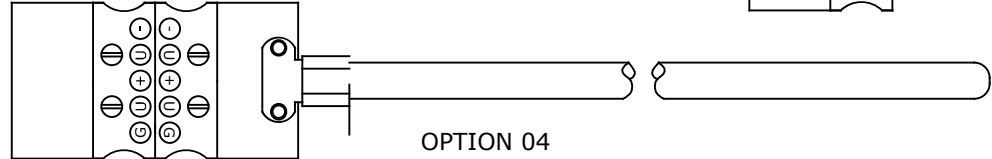


OPTIONS 37 AND 38

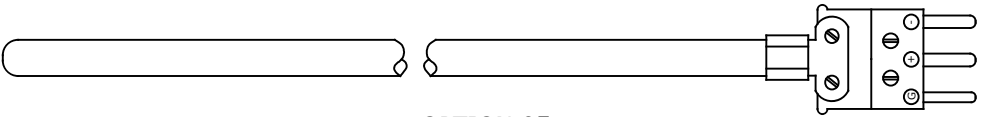
PLUG AND JACK TERMINATIONS [5B]



OPTION 03



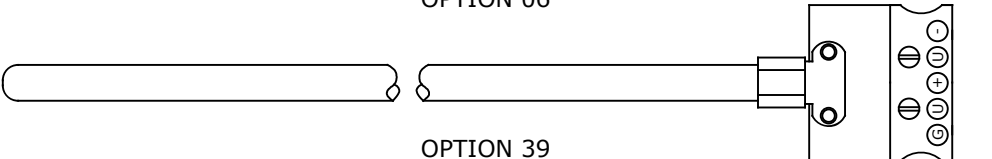
OPTION 04



OPTION 05



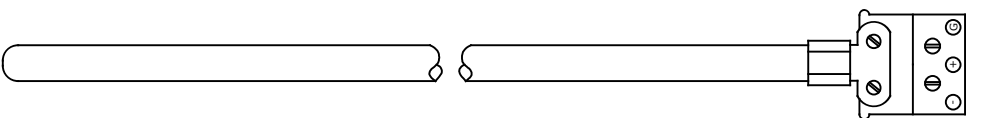
OPTION 06



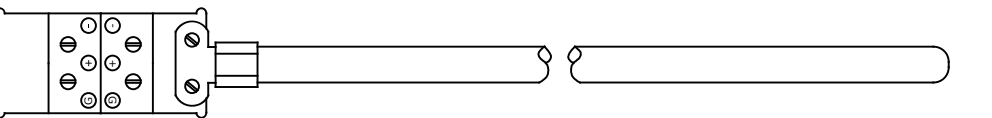
OPTION 39



OPTION 40



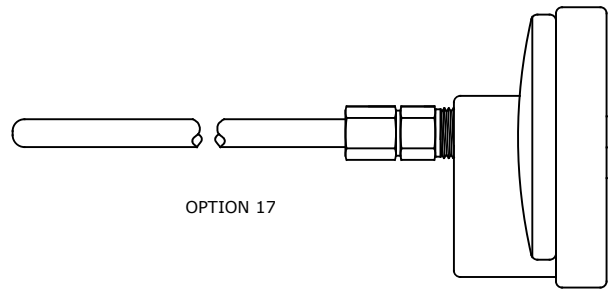
OPTION 41



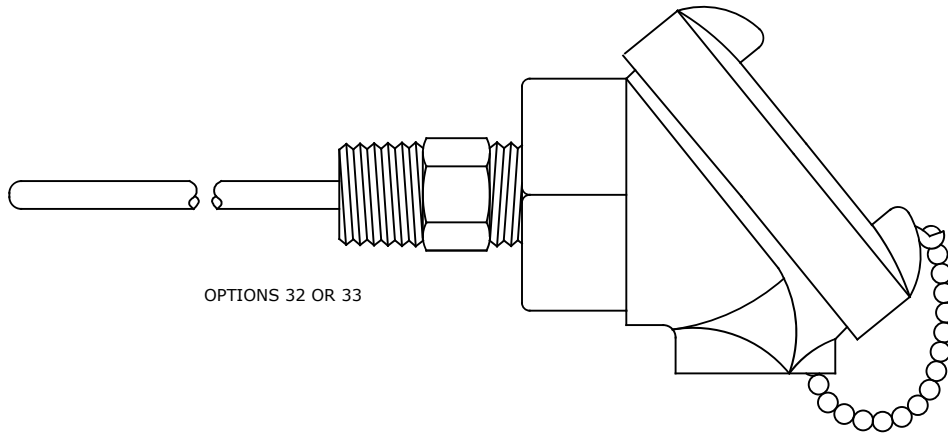
OPTION 42

RESISTANCE TEMPERATURE DETECTORS [5]

HEAD TERMINATIONS [5C]

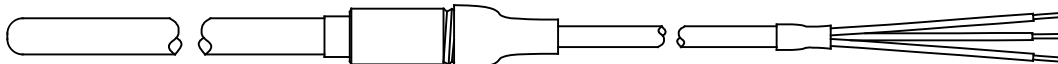


OPTION 17

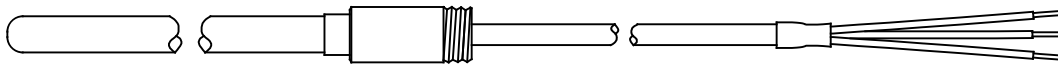


OPTIONS 32 OR 33

LEADWIRE TRANSITIONS [5D]



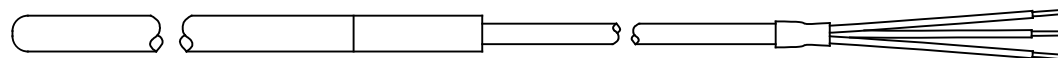
OPTION 16



OPTION 15H



OPTION 15



OPTION 19

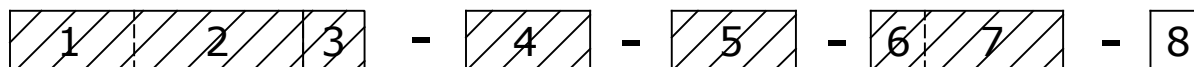
RESISTANCE TEMPERATURE DETECTORS [6, 7]



6. EXTENSION LEADWIRE		
CODE	DESCRIPTION	TEMP. RATING
2	FEP TEFLON INSULATION - STRANDED CONDUCTOR - SS ARMOUR	400° F
4	FIBERGLASS INSULATION - STRANDED CONDUCTOR - SS ARMOUR	900° F
5	FEP TEFLON INSULATION - STRANDED CONDUCTOR	900° F
8	FIBERGLASS INSULATION - STRANDED CONDUCTOR	900° F
9	FIBERGLASS INSULATION - STRANDED CONDUCTOR - STAINLESS STEEL OVERBRAID	900° F
CC	SPECIAL LEADWIRE, DESCRIBE	

7. LEADWIRE LENGTH
INSERT 3 DIGIT LENGTH IN INCHES

RESISTANCE TEMPERATURE DETECTORS [8]



8. EXTENSION WIRE TERMINATIONS

CODE	DESCRIPTION
1	LEADS NOT STRIPPED
2	LEADS STRIPPED 4"
3	LEADS STRIPPED 4" WITH SPADE LUGS
4	STANDARD SIZE MALE PLUG
5	STANDARD SIZE MALE PLUG WITH MATING FEMALE JACK
6	MINIATURE MALE PLUG
7	MINIATURE MALE PLUG WITH MATING FEMALE JACK
8	12" SPLIT LEADS WITH 2" STRIPPED LEADS WITH SPADE LUGS AND 1/2" BX CONNECTOR
9	STANDARD SIZE FEMALE JACK
10	STANDARD SIZE 3-PIN MALE PLUG
11	STANDARD SIZE 3-PIN FEMALE JACK
12	STANDARD SIZE 3-PIN MALE PLUG WITH MATING FEMALE JACK
13	STANDARD SIZE 3-PIN FEMALE JACK WITH MATING MALE PLUG