INDUSTRIAL THERMOCOUPLES

TYPE TSC-3

TYPE TSC-4

"A" LENGTH

1/2"NPT

PROCESS MOUNTING

3/4"NPT

IMMERSION LENGTH
WITH BENDING & EXPANSION LOOP

3/4"NPT

FINAL PASS
THIRD PASS
SECOND PASS
ROOT WELD PASS
VIEW A-A

CODE
HEAD EXTENSION
3
DIRECT SHEATH EXTENSION
4
NIPPLE, UNION, SEALING FITTING, NIPPLE

CODE
HEAD CALIBRATION
J
IRON (+) vs CONSTANTAN (-)
K
CHROMEL (+) vs ALUMEL (-)
E
CHROMEL (+) vs CONSTANTAN (-)

CODE
STANDARD SPECIAL (NOTE 1)
J
JJ
K
KK
E
EE

CODE
SHEATH DIAMETER & WALL THICKNESS
FRACTION
12
1/2"
12h
1/8"
WALL THICKNESS
STANDARD WALL THICKNESS .064"
HEAVY WALL .120"

CODE
ELE  
Q
310 STAINLESS STEEL
J
INCONEL 600
Y
446 STAINLESS STEEL

CODE
IMMERSION LENGTH
IN INCHES

CODE
BEND RADIUS
R
RIGHT ANGLE
L
LONGITUDINAL

CODE
PIECE DIAMETER
IN INCHES

CODE
"A" LENGTH
IN INCHES

CODE
PROCESS MOUNTING
1/2"NPT
1/2"NPT
1"NPT
2"NPT

<table>
<thead>
<tr>
<th>CODE</th>
<th>MATERIAL CONNECTION HEAD</th>
<th>TYPE</th>
<th>NEMA</th>
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<tr>
<td>AN</td>
<td>ALUMINUM</td>
<td>WATER PROOF</td>
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<td>WATER PROOF, CORROSION RESISTANT</td>
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<td>ALUMINUM</td>
<td>EXPLOSION PROOF (NOTE 2)</td>
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<td>EXPLOSION PROOF, CORROSION RESISTANT (NOTE 2)</td>
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<td>ALUMINUM</td>
<td>EXPLOSION PROOF, FM, CSA APPROVED (NOTES 2 &amp; 3)</td>
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<td>ALUMINUM, LARGE DEVICE, EPOXY COATED</td>
<td>EXPLOSION PROOF, ATEX APPROVED (NOTE 3)</td>
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Notes:
2. Rated NEC class 1, Groups B, C and D.
3. ATEX approved Exix d IC, T6.
4. For an item that does not fall within the catalog description an SP can be added to the ordering code as part of a custom construction.

Specifications:
1. Fitting Material - Stainless Steel