INDUSTRIAL THERMOCOUPLES

TC29035

CODE "U" LENGTH
IN INCHES

CODE WELL MATERIAL
P  304 STAINLESS STEEL
Q  316 STAINLESS STEEL
R  316 STAINLESS STEEL
PllHIL  304 or 316 S.S. (LOW CARBON)
N  CARBON STEEL
J  INCONEL, 600
H  HASTELLOY C276

CODE TUBE SCHEDULE (INSIDE DIAMETER)
1/4" NPT  1/2" NPT  3/4" NPT  1" NPT
40  0.364  0.622  0.824  1.049
60  0.202  0.546  0.742  0.957
160 N/A  0.454  0.612  0.815
300 N/A  N/A  0.545  0.596

CODE PROTECTION TUBE TYPE
TUBE SIZE  OD
51  1/4" NPS  0.540
52  1/2" NPS  0.840
53  3/4" NPS  1.090
54  1" NPS  1.315

CODE STANDARD SPECIAL (NOTE 6) CALIBRATION
J  JJ  IRON (+) vs CONSTANTAN (+)
K  KK  CHROMEL (+) vs ALUMEL (-)
T  TT  COPPER (-) vs CONSTANTAN (+)
E  EE  CHROMEL (+) vs CONSTANTAN (-)

CODE NIPPLE AND ELBOW MATERIAL
P  304 STAINLESS STEEL
N  CARBON STEEL
R  316 STAINLESS STEEL

CODE "A" LENGTH
IN INCHES

CODE TUBE OPENING
1/2 or 3/4 NPT (NOTE 3)

CODE CONDUIT OPENING
1/2 or 3/4 NPT

CODE CONNECTION HEAD
AN ALUMINUM WATER PROOF  4
BN STAINLESS STEEL WATER PROOF, CORROSION RESISTANT  4
AE ALUMINUM EXPLOSION PROOF (NOTE 1)  4
SE STAINLESS STEEL EXPLOSION PROOF, CORROSION RESISTANT (NOTE 1)  4
XD ALUMINUM EXPLOSION PROOF, FM, CSA APPROVED (NOTES 1 & 2)  4
A CAST IRON WEATHER-PROOF, RUGGED  4
AX ALUMINUM, LARGE DEVICE, EPOXY COATED EXPLOSION PROOF, ATEX APPROVED (NOTE 2)  4

SECTION INTC
RIGHT ANGLE
PIPE WELL ASSEMBLIES

Notes:
1. Rated NEC class 1, Groups B, C and D.
2. ATEX approved EX d IIC, T6.
3. For 1/4" and 1" pipe size a reducing bushing will be used to fit tube opening, specify 1/2 for 1/4" pipe size and 3/4 for 1" pipe size.
5. 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.

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