INDUSTRIAL RTD'S

CODE | HEAD EXTENSION
-----|------------------
 2   | NIPPLE (NOTE 1)
 4   | NIPPLE/UNION/NIPPLE (NOTE 1)

CODE | MATERIAL | CONNECTION HEAD | TYPE | NEMA
-----|----------|-----------------|------|-----
 2   | STAINLESS STEEL | WATER PROOF | 2000 OHMS | 4, 4X
 4   | ALUMINUM | EXPLOSION PROOF (NOTE 2) | 4
 4   | STAINLESS STEEL | EXPLOSION PROOF, CORROSION RESISTANT (NOTE 2) | 4, 4X
 4   | ALUMINUM | EXPLOSION PROOF, FM, CSA APPROVED (NOTES 2 & 3) | 4, 4X
 4   | CAST IRON | WEATHER PROOF, RUGGED | 4
 4   | POLYPROPYLENE | WEATHER PROOF, LIGHT WEIGHT | 4
 4   | ALUMINUM, LARGE DEVICE, EPOXY COATED | EXPLOSION PROOF, ATEX APPROVED (NOTE 3) | 4

CODE | CONDUIT OPENING | CODE | TUBE OPENING | CODE | "A" LENGTH
-----|-----------------|-----|-------------|-----|---------
 1/2 | 1/2 | 1/2NPT | IN INCHES

CODE | STRUCTURE
-----|----------------
 F   | SINGLE (LEAVE BLANK)
 D   | DUPLEX

CODE | SHEATH DIAMETER (STANDARD 216 STN. STL.) (NOTE 4)
-----|------------------
 316 | 3/8" (.188)

CODE | ELEMENT TYPE (NOTE 4)
-----|------------------
 PT   | PLATINUM | .00385 | 100 OHMS (LEAVE BLANK)
 PT   | PLATINUM | .00385 | 500 OHMS
 PT   | PLATINUM | .00385 | 1000 OHMS (LT RANGGE ONLY)
 JBS  | PLATINUM | .003916 | 100 OHMS
 SA   | PLATINUM | .00983 | 90.129 OHMS
 CU   | COPPER | .0247 | 10 OHMS (LT RANGE ONLY)
 NI   | NICKEL | .00672 | 120 OHMS

CODE | TEMPERATURE RANGE
-----|----------------------
 LT   | -56 to +650°F (-50 to +290°C)
 MT   | -56 to +800°F (-50 to +430°C)
 HT   | -292 to +1202°F (-180 to +650°C) (NOTE 5)

CODE | SYSTEM
-----|------------------
 2W   | 2 WIRE (4 WIRE TOTAL WITH DUPLEX)
 3W   | 3 WIRE (LEAVE BLANK)
 4W   | 4 WIRE (8 WIRE TOTAL WITH DUPLEX)

CODE | ACCURACY
-----|------------------
 CLA  | ASTM E1137 CLASS B (LEAVE BLANK)
 CLA  | ASTM E1137 CLASS A

CODE | PROCESS NPS | OD-1 | OD-2 (NOTE 7) | ID | PIPE SIZE (ACTUAL)
-----|-------------|------|---------------|----|------------------
 01  | 3/4" | .750 | .844 | .385 | 3/4" (.959)
 011 | 3/4"  | .750 | .844 | .386 | 3/4" (.959)
 02  | 1"  | .750 | 1.063 | .385 | 1.063 (.157)
 021 | 1"  | .750 | 1.063 | .386 | 1.063 (.157)

CODE | "F" LENGTH
-----|----------------
 N   | IN INCHES

CODE | "U" LENGTH
-----|----------------
 N   | IN INCHES

Notes:
2. Standard Unions - Black Malleable Iron, 150#.
3. OPTIONAL STAINLESS STEEL
5. Rated NEC class 1, Groups B, C and D.
6. (3) ATEX approved (Ex d IIC T6).
7. (4) Contact factory for other sheaths and element types.
8. (5) Standard In single construction, 3 wire, class B, Inconel sheath material.
9. (6) Shank diameter for 2000# service (Sch 40).
10. (7) 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.

EXAMPLE: 4 AE 3/4 1/2 4 - D 14 PT5 LT 4W CLA 02 R 3 5

SECTION INRD

DRILLED SOCKET WELD WELL ASSEMBLIES
TAPERED CONSTRUCTION
3/4 & 1" NPS PROCESS CONNECTIONS

Doc. No.: TE-C0010109-INRD-050

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