INDUSTRIAL RTD'S

CODE | MATERIAL | CONNECTION HEAD | TYPE | NEMA
--- | --- | --- | --- | ---
A | NIPPLE (NOTE 1) | WATER PROOF | 4 | 4.4X
B | NIPPLE/UNION/NIPPLE (NOTE 1) | WATER PROOF, CORROSION RESISTANT | 4.4X | 4
AN | STAINLESS STEEL | EXPLOSION PROOF | 4.4X | 4
SE | STAINLESS STEEL | EXPLOSION PROOF, CORROSION RESISTANT (NOTE 2) | 4.4X | 4
AE | ALUMINUM | EXPLOSION PROOF, FM, CSA APPROVED (NOTES 2 & 3) | 4.4X | 4
SE | ALUMINUM | EXPLOSION PROOF, FM, CSA APPROVED (NOTES 2 & 3) | 4.4X | 4
XD | CAST IRON | WEATHER PROOF, LIGHT WEIGHT | 4 | 4
A | POLYPROPYLENE | WEATHER PROOF, LIGHT WEIGHT | 4 | 4
AX | ALUMINUM, LARGE DEVICE, EPOXY COATED | EXPLOSION PROOF, ATEX APPROVED (NOTE 3) | 4 | 4

CODE | CONDUIT OPENING | CODE | TUBE OPENING | CODE | "A" LENGTH
--- | --- | --- | --- | --- | ---
1/2 or 3/4 NPT | 1/2 | 1/2 NPT | IN INCHES

CODE | STRUCTURE | SHEATH DIAMETER (STANDARD 316 STN. STL.) (NOTE 4) | ELEMENT TYPE (NOTE 4) | STANDARD | MATERIAL | TCR | RESISTANCE (Ω @ 0 °C)
--- | --- | --- | --- | --- | --- | --- | ---
F | SINGLE (LEAVE BLANK) | 316 & (1/8) | TS | DIN 43760 | PLATINUM | .00385 | 100 OHMS (LEAVE BLANK)
D | DUPLEX | "" | T1 | DIN 43760 | PLATINUM | .00385 | 500 OHMS
G | 316 & (1/8) | "" | JB | JIS C-1604-81 | PLATINUM | .003916 | 100 OHMS
A | "" | "" | SB | RC21-1-1966 | PLATINUM | .003923 | 90-129 (CHMS)
C | "" | "" | CU | COPPER | .00427 | 100 OHMS (LEAVE BLANK)
N | "" | "" | NI | NICKEL | .00672 | 120 OHMS

CODE | TEMPERATURE RANGE | SYSTEM | ACCURACY | CODE | PROCESS NPT | OD-1 | OD-2 | ID | HEX
--- | --- | --- | --- | --- | --- | --- | --- | --- | ---
J | -56 to +500°F (-50 to +260 °C) | 2 WIRE (2 WIRE TOTAL WITH DUPLEX) | ASTM E1137 CLASS B (LEAVE BLANK) | M | PROCESS NPT | ID | OD-1 | OD-2 | ID | HEX
L | MT | 3 WIRE (LEAVE BLANK) | ASTM E1137 CLASS A |
H | HT | 4 WIRE (4 WIRE TOTAL WITH DUPLEX) | ""

CODE | WELL TYPE | "F" LENGTH | "U" LENGTH
--- | --- | --- | ---
M | 11 | 3/4 | .563 | .844 | .203 | 1.13
A | 12 | 3/4 | .563 | .844 | .385 | 1.13
P | 13 | 1" | .563 | 1.11 | .203 | 1.38
Q | 14 | 1" | .750 | 1.11 | .285 | 1.38
R | 121 | 3/4 | .750 | .844 | .260 | 1.13
S | 141 | 1" | .750 | 1.11 | .260 | 1.38

Notes:
2. Standard Unions - Black Malleable Iron, 150#. Nickel-
3. Optional Stainless Steel.
4. Nipples - 304 or 316 Stainless Steel, Schedule 40 or 60.
5. Unions - 304 or 316 Stainless Steel.
7. Rated NEC class 1, Groups B, C and D.
8. ATEX approved EEx d IIC, T6.
9. Contact factory for other sheaths and element types.
10. Standard in single construction, 3 wire, class B, Inconel sheath material.
11. 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.

SECTION INRD
DRILLED THREADED WELL ASSEMBLIES
TAPERED CONSTRUCTION
3/4 & 1"NPT PROCESS CONNECTIONS

3/4 & 1" NPT PROCESS CONNECTIONS

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