

# INDUSTRIAL RTD'S

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

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

C	CONDUIT OPENING	D	CODE	TUBE OPENING	E	CODE	"A" LENGTH
	1/2 or 3/4NPT		1/2	1/2NPT			IN INCHES

STRUCTURE	
CODE	SINGLE (LEAVE BLANK)
D	DUPLEX

SHEATH DIAMETER (STANDARD 316 STN. STL.) (NOTE 4)	
CODE	3/16" (.187)
14	1/4" (.250)

ELEMENT TYPE (NOTE 4)				
CODE	STANDARD	MATERIAL	TCR	RESISTANCE @ 0° C.
	DIN 43760	PLATINUM	.00385	100 OHMS (LEAVE BLANK)
PT5	DIN 43760	PLATINUM	.00385	500 OHMS
PT1	DIN 43760	PLATINUM	.00385	1000 OHMS (LT RANGE ONLY)
JIS	JIS-C-1604-81	PLATINUM	.003916	100 OHMS
SA	RC21-4-1966	PLATINUM	.003923	98.129 OHMS
CU		COPPER	.00427	10 OHMS (LT RANGE ONLY)
NI		NICKEL	.00672	120 OHMS

TEMPERATURE RANGE	
CODE	-58 to +500° F (-50 to +260° C.)
LT	
MT	-58 to +900° F (-50 to +482° C.)
	-292 to +932° F (-180 to +500° C) (LEAVE BLANK)
HT	-292 to +1202° F (-180 to +650° C) (NOTE 5)

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

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

WELL TYPE					
CODE	OD-1	OD-2	ID	FLANGE FACE DIA.	NECK DIAMETER
41	.750	.875	.385	2.0	1.315
44	.750	.875	.385	2.88	1.90
411	.750	.875	.260	2.0	1.315
441	.750	.875	.260	2.88	1.90

WELL MATERIAL	
CODE	304 STAINLESS STEEL
P	
	310 STAINLESS STEEL
Q	
	316 STAINLESS STEEL
R	
PLorRL	304or316 S. S. (LOW CARBON)
N	CARBON STEEL
J	INCONEL 600
H	HASTELLOY C276

"F" LENGTH	
CODE	IN INCHES (2.25" STD.)

"U" LENGTH	
CODE	IN INCHES

- Notes:
- Standard Nipples - Steel, Schedule 40.  
Standard Unions - Black Malleable Iron, 150#.  
OPTIONAL STAINLESS STEEL  
Nipples - 304 or 316 Stainless Steel, Schedule 40 or 80.  
Unions - 304 or 316 Stainless Steel.  
Example Ordering Code: 4AE 3/4 - 1/2 - 4 - D 14 PT5 LT 4W CLA - 44 R 2.25 - 10
  - Rated NEC class 1, Groups B, C and D.
  - ATEX approved EEx d IIC, T6.
  - Contact factory for other sheaths and element types.
  - Standard in single construction, 3 wire, class B, Inconel sheath material.
  - 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 - 44 R 2.25 - 10

A B C D E F G H J K L M N P Q

