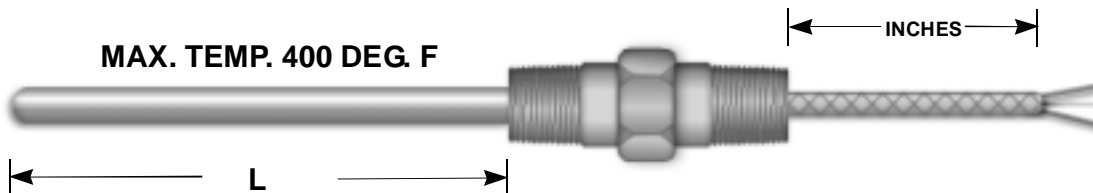


# STI MANUFACTURING, INC.

## STYLE 7R*FIXED*

SHEATH TUBE TYPE RTD WITH FLEXIBLE INSULATED LEAD WIRE FOR MAXIMUM OPERATING TEMPERATURE OF 400 DEG. F. 22 ga. LEAD WIRE STANDARD, OTHER GAUGES AVAILABLE.



1 2 3 4 5 6 7 8 9 10 11 12 13 14  
 7 R F [ ] - [ ] - [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]

DIN .00385 STANDARD

P = 100 OHM PLAT.  
 C = 10 OHM COPPER  
 N = 120 OHM NICKEL  
 X = SPECIFY

"L" DIM. IN INCHES (IN.)

TUBE MATERIAL

A = 304SS  
 C = 316SS  
 X = SPECIFY OTHER MATERIAL

TUBE O.D. (IN.)

4 = .125    7 = .313  
 5 = .188    8 = .375  
 6 = .250    9 = .500  
 0 = OTHER

LEAD WIRE TYPE

A = FIBERGLASS  
 B = INDIVIDUAL 22 ga.  
 C = SHIELDED PVC JACKET  
 D = SHIELDED TEFLON JACKET  
 E = TEFLON JACKET STANDARD

ADDITIONAL REQUIREMENTS

0 = IF NONE  
 1 = SPECIFY

NO. OF ELEMENTS

1 = SINGLE  
 \*2 = DUAL

LEAD WIRE LENGTH (IN INCHES)

NO. OF WIRES

2 = 2 WIRE  
 3 = 3 WIRE  
 4 = 4 WIRE

HEADS

A = EXPLOSION PROOF  
 B = CAST ALUMINUM  
 C = CAST IRON  
 D = POLYPROPYLENE  
 E = HINGED CAST ALUMINUM  
 F = HINGED POLY

NIPPLES, UNIONS, AND HEX NIPPLES

0 = NONE  
 1 = N.U.N. = 6"  
 2 = N.U. = 4"  
 3 = NIPPLE = 3"  
 4 = HEX NIP. = 2 1/2"  
 5 = HEX NIP. OIL SEAL = 2"

# STI MANUFACTURING, INC.

## STYLE 7RF OPTIONS

### INDUSTRIAL RTD HEADS

3/4" NPT CONDUIT  
1/2" NPT INSTRUMENT

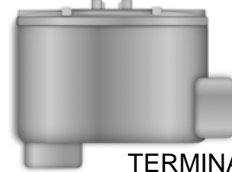


AVAILABLE MATERIALS  
CAST IRON  
CAST ALUMINUM  
POLYPROPYLENE  
\*STAINLESS STEEL  
\*SPECIAL ORDER

TERMINAL BLOCKS  
ARE CERAMIC PORCELAIN  
WITH BRASS TERMINALS

### EXPLOSION PROOF HEADS

3/4" NPT X 3/4" NPT PORTS  
\*1/2" OPTIONAL



TERMINAL STRIPS  
ARE PHENOLIC

AVAILABLE MATERIALS  
CAST ALUMINUM

GROUND SCREWS  
ARE AVAILABLE-  
SPECIFY UNDER  
ADDITIONAL  
REQUIREMENTS

### INDUSTRIAL RTD HEADS HINGED TYPE -WEATHER TIGHT SEAL NEMA 4 RATING

3/4" NPT CONDUIT  
1/2" NPT INSTRUMENT



AVAILABLE MATERIALS  
CAST ALUMINUM  
POLYPROPYLENE

TERMINAL BLOCKS  
ARE CERAMIC PORCELAIN  
WITH BRASS TERMINALS

### EXPLOSION PROOF HEADS FMCSA CERTIFICATION NEMA 4 RATING

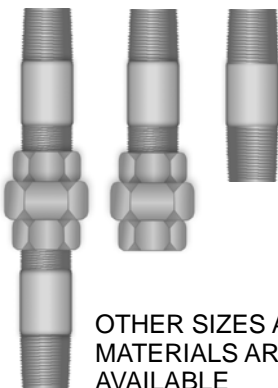
3/4" NPT CONDUIT  
1/2" NPT INSTRUMENT



AVAILABLE MATERIALS  
CAST ALUMINUM  
\*STAINLESS STEEL  
\*EPOXY COATED  
\*SPECIAL ORDER

TERMINAL BLOCKS  
ARE BAKELITE

### STANDARD 1/2" NPT SCH. 40 GALVANIZED



OTHER SIZES AND  
MATERIALS ARE  
AVAILABLE

### WELD PADS



1" X 1" STANDARD  
SIZING AND BENDING OPTIONAL

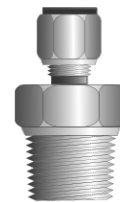
### STANDARD HEX NIPPLE

1/2" NPT 316SS



OTHER MATERIALS  
AND SIZES AVAILABLE

### TUBE TO PIPE FITTINGS STAINLESS STEEL STANDARD OTHER MATERIALS AVAILABLE



RTD O.D. X NPT  
1/8" 1/8" = 2  
3/16" 1/4" = 3  
1/4" 1/4" = 4  
1/4" 1/2" = 6  
3/8" 1/2" = 7  
1/2" 1/2" = 8  
IF VENTED = X