Miniature Head Terminations

Miniature nickel-plated head

Miniature plastic head (3/8" NPT conduit

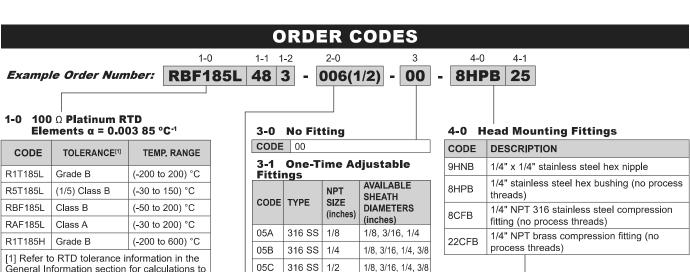
DESCRIPTION

opening)



Fixed-sheath RTD assemblies with miniature heads are offered with mounting fittings that are welded or brazed to the sheath for direct immersion into a process. The miniature heads offer a compact design and are ideal for laboratory applications or applications where space is limited. The RTD assemblies are supplied with a 316 stainless steel sheath in several diameters. They are offered in various tolerances and temperature ranges as noted below.





1-1 Sheath Diameters

General Information section for calculations to determine specific tolerance at temperature.

CODE	DIAMETERS (inches) 316 SS	
28	1/8	
38	3/16	
48	1/4	
68	3/8	

1-2 Element Connection

CODE	DESCRIPTION
2	2 wire element
3	3 wire element
4	4 wire element

2 -0 "X" Dimensions

Insert three digit "X" length in inches.

Sheath lengths over 72" will be shipped in a coiled configuration unless otherwise specified.

3-2 Re-Adjustable Compression Fittings

1/8

1/4

1/2

Brass

Brass

Brass

1/8, 3/16, 1/4

3/16, 1/4, 3/8

1/4, 3/8

4-1

17

25

CODE

CODE	TYPE	NPT SIZE (inches)	AVAILABLE SHEATH DIAMETERS (inches)	
12A	316 SS	1/8	1/8, 3/16, 1/4	
12B	316 SS	1/4	1/8, 3/16, 1/4, 3/8	
12C	316 SS	1/2	1/8, 3/16, 1/4, 3/8	
11A	Brass	1/8	1/8, 3/16, 1/4	
11B	Brass	1/4	1/8, 3/16, 1/4, 3/8	
11C	Brass	1/2	1/4, 3/8	
19C	Spring-loaded SS well fitting	1/2	3/16, 1/4	
FEP gland standard 204 °C [400 °F] max.				

FEP gland standard 204 °C [400 °F] max

3-3 Fixed Bushings

15A

15B

15C

CODE 316 SS	MOUNTING THREAD NPT (inches)	AVAILABLE SHEATH DIAMETERS (inches)
8A ^[1]	1/8	1/8, 3/16, 1/4
8B[1]	1/4	1/8, 3/16, 1/4, 3/8
8C ^[1]	1/2	1/8, 3/16, 1/4, 3/8
8D ^[1]	3/4	1/8, 3/16, 1/4, 3/8

[1] When ordering fixed bushings, specify order code above plus insert length "U", as measured from hot tip to bottom of threaded bushing. EXAMPLE: order code 8A06 is 1/8" NPT, 316 SS bushing located 6" from hot tip.

