# RTD FOR AUTOCLAVE

For continuous use, Teflon Jacketed Cable

RAC251

RTD

RTD with Mounting Bush

**Pt100, 3-wire
Simplex, Duplex**

°C

**Range
0 to 150°C
(32 to 302°F)**

**Accuracy
Class AA (1/3 DIN)**

Leakproof Assembly

**Sheath Material
SS316L (1.14404)**
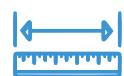
**Cable Length
5/10 Meters**

radix®

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ABOUT RAC251

RAC251 is specifically designed to withstand the high pressure & temperature of the continuous sterilization process in autoclaves. It is capable of measuring temperatures upto 150°C (302°F).

RAC251 has a completely sealed construction. As a result, the entire sensor assembly, including the probe and the cable extending from the RTD, can be completely submerged in water without affecting accuracy or long-term stability.

SPECIFICATIONS

Type	Pt100, 3-wire to IEC 60751
Accuracy	Class AA (1/3 DIN)
No. of elements	Simplex/Duplex
Range	0 to 150°C (32 to 302°F)
Sheath material	SS316L (1.4404)
Sheath diameter	6 mm
Sheath length (SL)	50 mm (see Fig1, Fig2)
Cable type	Teflon insulated cable
Cable length (CL)	5/10 meters
Mounting bush	Included

DIMENSIONS mm

Fig 1 : Simplex

SL = 50   CL

6   3.25~   E

Fig 2 : Duplex

SL = 50   CL

6   3.25~   E

CIRCUIT DIAGRAM

R R W
Pt100

3-WIRE, SIMPLEX

R R W
Pt100
BK BK Y
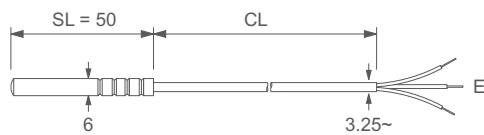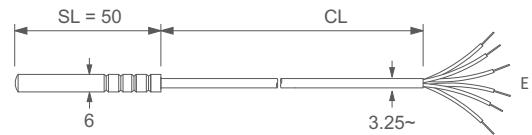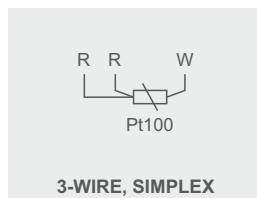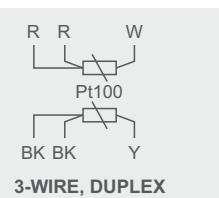
3-WIRE, DUPLEX

CABLE TERMINATION TYPES
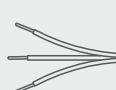
BARE LEADS
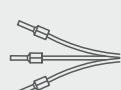
PIN TYPE LUGS

FORK TYPE LUGS

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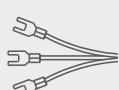
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KEY FEATURES

- Specifically designed to withstand high pressure & temperature of the continuous sterilization process in autoclaves
- Measuring range : 0 to 150°C (32 to 302°F)
- Completely sealed construction
- SS316L (1.4404) body and wetted parts
- Accuracy : Class AA (1/3 DIN)

ORDERING INFORMATION

CODE	SPECIFICATIONS	1	2	3	4	5
RAC251						
1	**No. of Elements**					
	Simplex	S				
	Duplex	D				
2	**Cable Length (CL)**					
	5 m		05			
	10 m		10			
3	**Cable Termination**					
	Bare leads			BR		
	Fork type lugs			FR		
	Pin type lugs			PN		
4	**Future Parameter A**					
	For future use				FA	
5	**Future Parameter B**					
	For future use					FB

| CODE | - | 1 | - | 2 | - | 3 | - | 4 | - | 5 |

Order Code Format : XXXX-X-X-XX-FA-FB

Example

RAC251, Pt100, 3-wire, Duplex, Class A accurancy , 6 x 50 mm, SS316L, 5 m cable length, Pin type lugs
RAC251-D-5-PN-FA-FB

RTD FOR AUTOCLAVE

ENQUIRIES

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