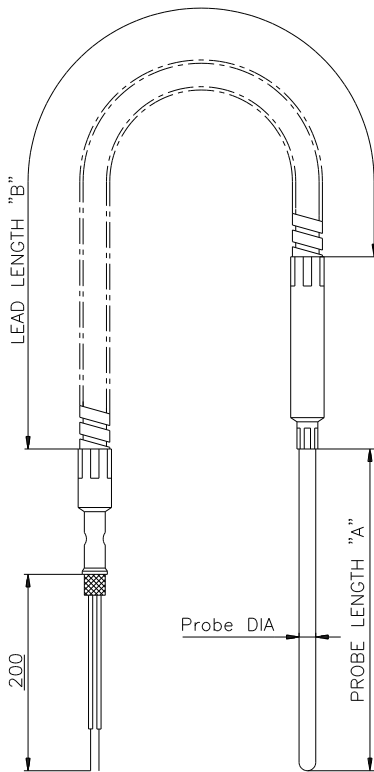


# MINIATURE RESISTANCE THERMOMETERS

with SS armoured lead wire

## Specifications:



Probe type	:	bendable construction
Temperature range	3,2 mm	: -200 to +400°C
	6,0 mm	: -200 to +550°C
Element type	:	Pt100, single or duplex
Resistance values and tolerances	:	IEC-751 class B
Recommended maximum current	:	3,2 mm o.d. : 5 mA
		6,0 mm o.d. : 10 mA
Minimum insulation resistance	:	10 Mohm at ambient temperature with 200 V DC
Wiring system	:	2, 3 or 4 wire
Inner lead resistance	:	negligible
Lead wire	:	Teflon insulated flexible copper wire covered with stainless steel flexible armour; 200 mm unarmoured tails
Max. temperature limit lead wire	:	200 °C
Max. temperature transition	:	200 °C
Sheath material	:	SS 316 (Wstrn.1.4401)
Probe length 'A'	:	to be specified; replace box in ordering code with your required length; standard lengths are 150 mm, 250 mm, 350 mm, 500 mm and 750 mm
Lead wire length 'B'	:	to be specified; replace box in ordering code with your required length; standard lengths are 500 mm, 1500 mm, 2500 mm and 5000 mm
Adjustable mounting bushing	:	to be specified separately; material stainless steel
		mounting probe Ø thread ordering code

## Ordering code:

□ = probe length 'A' and lead wire length 'B' in mm (to be specified)

3,2 mm	M8 x 1,25 mm	MTS-90323
6,0 mm	M12 x 1,5 mm	MTS-90603

For other types, see datasheet B/410

See C/100 for explanation of codes and alternative constructions.

### Probe diameter

3,2 mm

### Wiring system

### Single

### Duplex

'A' 'B'

'A' 'B'

2-wire

MRT-30322-Pt100-□-□-MM

3-wire

MRT-31322-Pt100-□-□-MM

4-wire

MRT-33322-Pt100-□-□-MM

6,0 mm

2-wire

MRT-30602-Pt100-□-□-MM

3-wire

MRT-31602-Pt100-□-□-MM

4-wire

MRT-3602-Pt100-□-□-MM

MRT-32602-Pt100-□-□-MM

MRT-34602-Pt100-□-□-MM