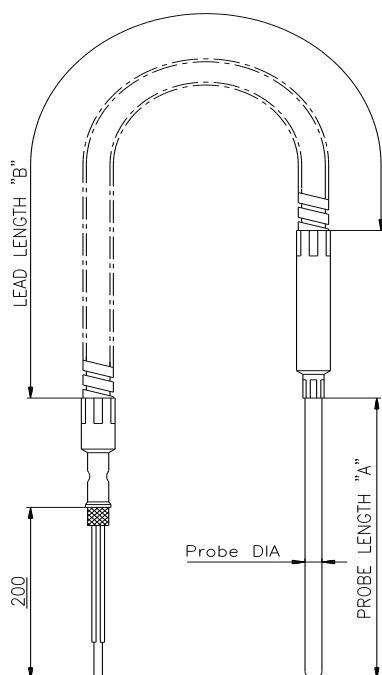


MINIATURE RESISTANCE THERMOMETERS

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 60751 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 (Wstnr.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
	probe Ø	mounting thread
	3,2 mm	M8 x 1,25 mm
	6,0 mm	M12 x 1,5 mm
		ordering code
		MTS-90323
		MTS-90603

For other types, see datasheet B/410

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

Ordering code:

Probe diameter

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

	Wiring system	Single	Duplex
		'A' 'B'	'A' 'B'
3,2 mm	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	MRT-32602-Pt100-□-□-MM
	3-wire	MRT-31602-Pt100-□-□-MM	MRT-34602-Pt100-□-□-MM
	4-wire	MRT-33602-Pt100-□-□-MM	