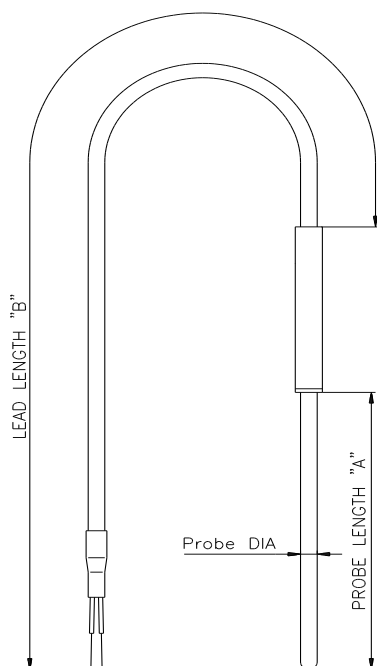


MINIATURE RESISTANCE THERMOMETERS

with PVC insulated 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		:PVC insulated copper braided and twisted flexible lead wire (P/CUPTW)
Max. temperature limit lead wire		:100 °C
Max. temperature transition		:100 °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
	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.

Probe diameter	Wiring system	Single		Duplex	
		'A'	'B'	'A'	'B'
Ordering code:					
3,2 mm	2-wire	MRT-40322-Pt100-□-□-MM			
	3-wire	MRT-41322-Pt100-□-□-MM			
	4-wire	MRT-43322-Pt100-□-□-MM			
6,0 mm	2-wire	MRT-40602-Pt100-□-□-MM		MRT-42602-Pt100-□-□-MM	
	3-wire	MRT-41602-Pt100-□-□-MM		MRT-44602-Pt100-□-□-MM	
	4-wire	MRT-43602-Pt100-□-□-MM			

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