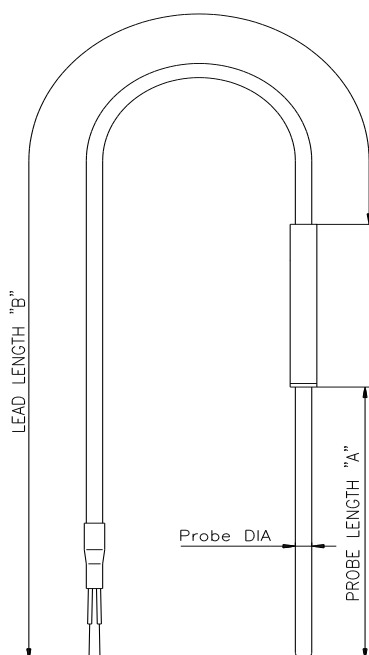


# MINIATURE RESISTANCE THERMOMETERS

## 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 (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									
		<table> <tr> <th>probe Ø</th><th>mounting thread</th><th>ordering code</th></tr> <tr> <td>3,2 mm</td><td>M8 x 1,25 mm</td><td>MTS-90323</td></tr> <tr> <td>6,0 mm</td><td>M12 x 1,5 mm</td><td>MTS-90603</td></tr> </table>	probe Ø	mounting thread	ordering code	3,2 mm	M8 x 1,25 mm	MTS-90323	6,0 mm	M12 x 1,5 mm	MTS-90603
probe Ø	mounting thread	ordering code									
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	Wiring system	Single	Duplex
<b>Ordering code:</b> □ = probe length 'A' and lead wire length 'B' in mm (to be specified)			
		'A' 'B'	'A' 'B'
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	