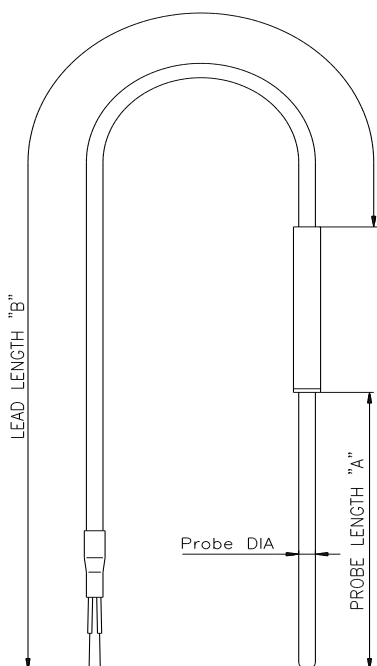


# MINIATURE RESISTANCE THERMOMETERS

with Teflon insulated lead wire



## Specifications:

Probe type		:bendable construction									
Temperature range	3,0 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		:3,0 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 copper braided and twisted flexible lead wire (TEX/CUTEXTW)									
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									
		<table border="1"> <thead> <tr> <th>probe Ø</th> <th>mounting thread</th> <th>ordering code</th> </tr> </thead> <tbody> <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> </tbody> </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.

## Ordering code:

Probe diameter	Wiring system	Single	Duplex
		'A' 'B'	'A' 'B'
3,0 mm	2-wire	MRT-60302-Pt100-□-□-MM	MRT-62302-Pt100-□-□-MM
	3-wire	MRT-61302-Pt100-□-□-MM	
	4-wire	MRT-63302-Pt100-□-□-MM	
6,0 mm	2-wire	MRT-60602-Pt100-□-□-MM	MRT-62602-Pt100-□-□-MM
	3-wire	MRT-61602-Pt100-□-□-MM	
	4-wire	MRT-63602-Pt100-□-□-MM	

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