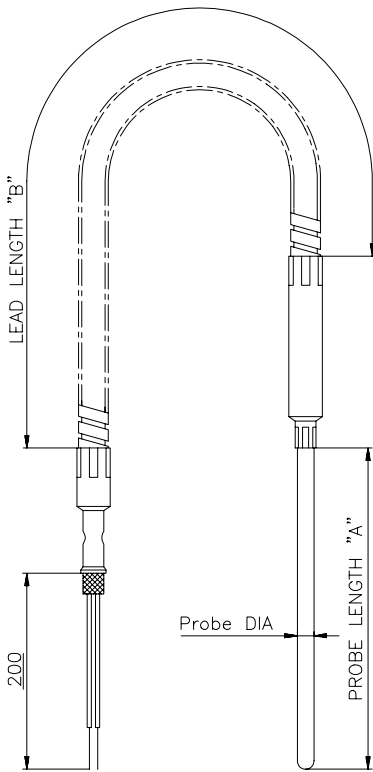


# MINIATURE RESISTANCE THERMOMETERS

with SS armoured 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 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												
		<table border="0"> <tr> <td></td> <td>mounting</td> <td>ordering</td> </tr> <tr> <td>probe Ø</td> <td>thread</td> <td>code</td> </tr> <tr> <td>3,0 mm</td> <td>M8 x 1,25 mm</td> <td>MTS-90303</td> </tr> <tr> <td>6,0 mm</td> <td>M12 x 1,5 mm</td> <td>MTS-90603</td> </tr> </table>		mounting	ordering	probe Ø	thread	code	3,0 mm	M8 x 1,25 mm	MTS-90303	6,0 mm	M12 x 1,5 mm	MTS-90603
	mounting	ordering												
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3,0 mm	M8 x 1,25 mm	MTS-90303												
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-30302-Pt100-□-□-MM	
	3-wire	MRT-31302-Pt100-□-□-MM	
	4-wire	MRT-33302-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	

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



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**C/210**  
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