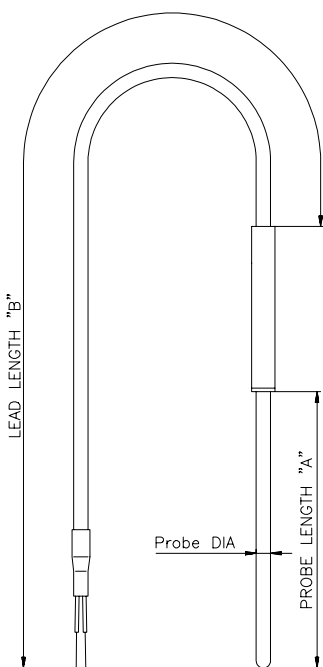


MINIATURE RESISTANCE THERMOMETERS

with PVC 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	:	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												
		<table border="0"> <tr> <td></td> <td>mounting</td> <td>ordering</td> </tr> <tr> <td><u>probe ∅</u></td> <td><u>thread</u></td> <td><u>code</u></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	<u>probe ∅</u>	<u>thread</u>	<u>code</u>	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-40302-Pt100-□.□.MM			
	3-wire	MRT-41302-Pt100-□.□.MM			
	4-wire	MRT-43302-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) Also available in inches



Thermo Electric
P.O. Box 179
2740 AD Wadinxveen
The Netherlands

Tel. : +31 (0)182 – 302 850
 Fax : +31 (0)182 – 302 777
 E-mail : info@thermo-electric.nl
 Internet: http://www.thermo-electric.nl

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