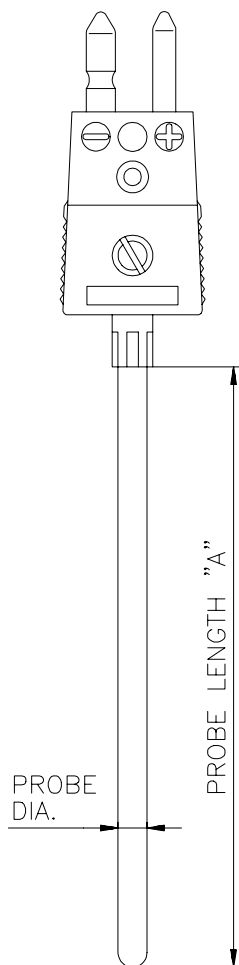


MINIATURE RESISTANCE THERMOMETERS

with quick coupling connector



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									
Termination	2 wire system	: standard 2 pin connector									
	3 wire system	: standard 3 pin connector									
	4 wire system	: standard duplex connector									
	duplex 2 wire system	: standard duplex connector									
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									
Adjustable mounting bushing	:	to be specified separately; material stainless steel									
		<table border="1"> <thead> <tr> <th>mounting probe \varnothing</th> <th>thread</th> <th>ordering code</th> </tr> </thead> <tbody> <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> </tbody> </table>	mounting probe \varnothing	thread	ordering code	3,0 mm	M8 x 1,25 mm	MTS-90303	6,0 mm	M12 x 1,5 mm	MTS-90603
mounting probe \varnothing	thread	ordering code									
3,0 mm	M8 x 1,25 mm	MTS-90303									
6,0 mm	M12 x 1,5 mm	MTS-90603									
Mating jack	:	to be specified separately; for ordering code see below									

See C/100 for explanation of codes and alternative constructions.

Ordering code:

Probe diameter	Wiring system	Single	Duplex
		'A'	'A'
3,0 mm	2-wire	MRT-10302-Pt100-□-MM	
	3-wire	MRT-11302-Pt100-□-MM	
	4-wire	MRT-13302-Pt100-□-MM	
6,0 mm	2-wire	MRT-10602-Pt100-□-MM	MRT-12602-Pt100-□-MM
	3-wire	MRT-11602-Pt100-□-MM	
	4-wire	MRT-13602-Pt100-□-MM	

□ = probe length 'A' in mm (to be specified)

Also available in inches



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