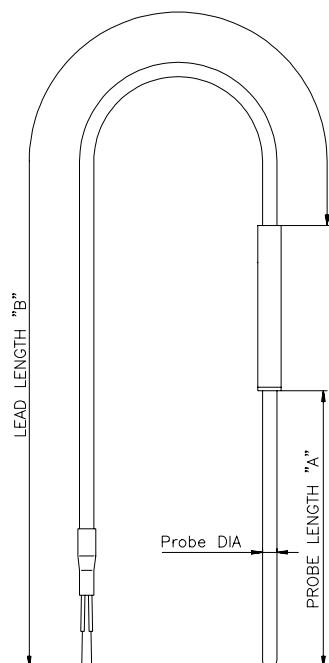


MINIATURE RESISTANCE THERMOMETERS

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 (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

probe Ø	mounting thread	ordering code
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-60302-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		MRT-64602-Pt100-□-□-MM	
	4-wire	MRT-63602-Pt100-□-□-MM			

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



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