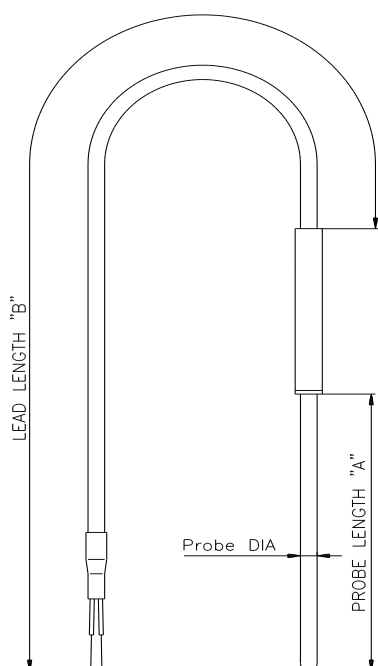


MINIATURE RESISTANCE THERMOMETERS

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 60751 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 200V 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

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.

Probe diameter	Wiring system	Single	Duplex
Ordering code:			
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)