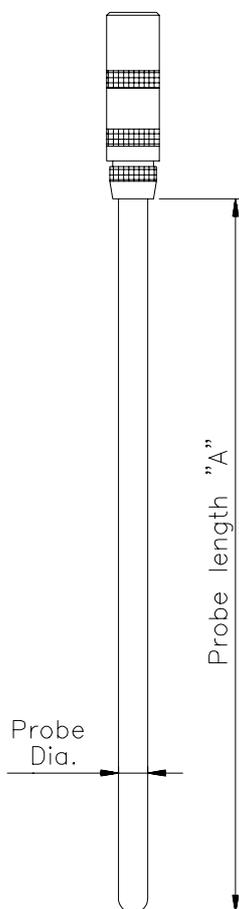


# MINIATURE RESISTANCE THERMOMETERS

locking connector with push release



## 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	:	nickel plated brass connector, round construction, locking with push release
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

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'	'A'
3,0 mm	2-wire	MRT-20302-Pt100-□-MM	
	3-wire	MRT-21302-Pt100-□-MM	
	4-wire	MRT-23302-Pt100-□-MM	
6,0 mm	2-wire	MRT-20602-Pt100-□-MM	MRT-22602-Pt100-□-MM
	3-wire	MRT-21602-Pt100-□-MM	
	4-wire	MRT-23602-Pt100-□-MM	
Mating jack	2-wire	9151774	9151776
	3-wire	9151776	
	4-wire	9151776	

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



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