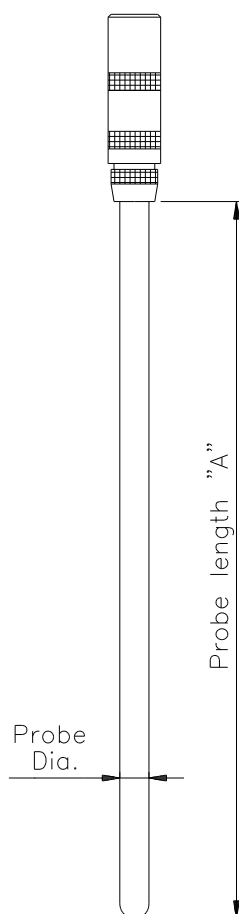


MINIATURE RESISTANCE THERMOMETERS

locking connector with push release



Specifications:

Probe type	:	bendable construction									
Temperature range	3,2 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	:	3,2 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									
<table> <tr> <th>probe Ø</th><th>mounting thread</th><th>ordering code</th></tr> <tr> <td>3,2 mm</td><td>M8 x 1,25 mm</td><td>MTS-90323</td></tr> <tr> <td>6,0 mm</td><td>M12 x 1,5 mm</td><td>MTS-90603</td></tr> </table>			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
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.

Ordering code:

Probe diameter	Wiring system	Single	Duplex
		'A'	'A'
3,2 mm	2-wire	MRT-20322-Pt100-□-MM	
	3-wire	MRT-21322-Pt100-□-MM	
	4-wire	MRT-23322-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)