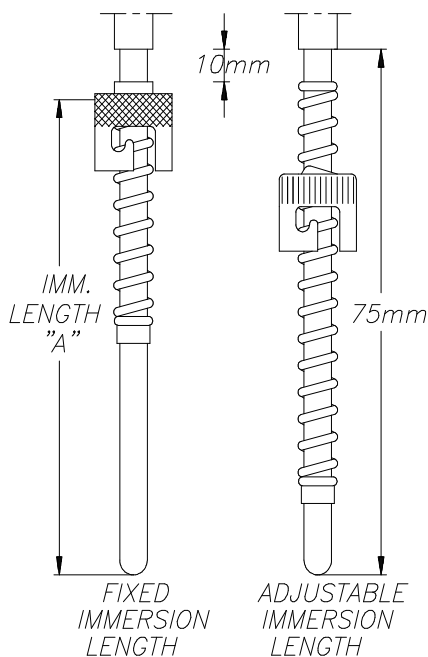


SPRINGLOADED THERMOCOUPLES

with silver tip



Specifications:

Probe type	:	springloaded straight or angled thermocouple with silver tip
Installation	:	by bayonet cap on mounting adapter
Thermocouple type	:	iron-constantan, type J
Standard limits of error	:	ANSI MC 96.1 / IEC 584
Sheath material	:	SS 316
Probe diameter	:	4,8 mm (6,4 mm including spring)
Hot junction	:	grounded type with thermocouple wires formed as an integral part of the silver tip
Max. probe temperature	:	450°C
Immersion length 'A'	:	<ul style="list-style-type: none">• with fixed immersion length; replace box in ordering code with your required length• with adjustable immersion length; by turning cap over spring from 35 mm to 65 mm (in both cases spring 10 mm compressed) see datasheet B/510 for selection of mounting adapter and immersion length
End termination's	:	bare ends or mounted standard plug; see overleaf for standard constructions
Lead wire (see overleaf)	:	glass fibre insulated flexible thermocouple wire covered with stainless steel flexible armour
Lead wire length 'B'	:	to be specified; replace box in ordering code with your required length; our standard lengths are 500 mm, 1500 mm, 2500 mm and 5000 mm

Some types are also available in Mi-cable construction with insulated hot junction (common insulated for duplex and Teflon insulated thermocouple wire inside flexible armour)

See reverse side

Ordering code:



Thermo Electric
P.O. Box 179
2740 AD Waddinxveen
The Netherlands

Tel. : +31 (0)182 – 302 888
Fax : +31 (0)182 – 302 777
E-mail : info@thermo-electric.nl
Internet : <http://www.thermo-electric.nl>





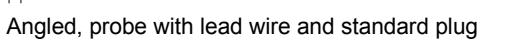
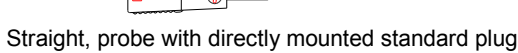
B/500
Rev.04 11/11

SPRINGLOADED THERMOCOUPLES

with silver tip

Ordering code:

FIXED IMMERSION TYPES:

	Silver tip	Mi-cable construction	
single duplex	MTS-60121-□-□mm 'A' 'B'	MTS-65121-□-□mm MTS-65221-□-□mm 'A' 'B'	 Straight, probe with lead wire and bare ends
single duplex	MTS-61121-□-□mm 'A' 'B'	MTS-66121-□-□mm MTS-66221-□-□mm 'A' 'B'	 Angled, probe with lead wire and bare ends
single duplex	MTS-60131-□-□mm 'A' 'B'	MTS-65131-□-□mm MTS-65231-□-□mm 'A' 'B'	 Straight, probe with lead wire and standard plug
single duplex	MTS-61131-□-□mm 'A' 'B'	MTS-66131-□-□mm MTS-66231-□-□mm 'A' 'B'	 Angled, probe with lead wire and standard plug
single	MTS-60101-□mm 'A'		 Straight, probe with directly mounted standard plug
single	MTS-61101-□mm 'A'		 Angled, probe with directly mounted standard plug

ADJUSTABLE IMMERSION TYPES:

single	MTS-60521-□mm 'B'	 Straight, probe with lead wire and bare ends
single	MTS-60531-□mm 'B'	 Straight, probe with lead wire and standard plug

Information on immersion lengths, mounting and pipe clamp adapters for use with springloaded thermocouple, see datasheet B/510.

Options / Accessories:

Duplex Mi-cable thermocouples with duplex plug for direct connection to 2-circuit panel, and junction box connector with 1/2 inch NPT on lead wire types with bare ends only.

Mating jack : ordering code CNN-12100-J-BL
Mounting adapters : see datasheet B/510



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