



CRN TECNOPART, S.A.

Sant Roc 30
08340 VILASSAR DE MAR (Barcelona)
Tel 902 404 748 - 937 591 484 Fax 937 591 547
e-mail: crn@crntp.com <http://www.crntecnopart.com>



TEMPERATURE CONTROL, PROBES AND ACCESSORIES

ECT Electronic Contact Thermometer



TECHNICAL DATA

Sensor	Pt 1000 in V2A-tube, length: 225 mm, Ø: 3 mm
Measuring range	-50 ... +300 °C, with a resolution of 1 °C
Safety class	Class I
Accuracy	±1 K ±1 digit

MODELS AVAILABLE

Model	Reference	Description
ECT 01	06 02 01	standar
ECT 03	06 02 03	with glass envelope sensor, Ø 8 mm
AC	06 02 02	AC Adapter 230V
accessory	07 06 22	standard ground joint insert NS 19/26 with seal for Ø 3 mm
accessory	07 06 27	standard ground joint insert NS 29/32 with SI/PTFE seal 16*8

Standard ground joint insert

For all glass jars with standard ground joint 14/23. Fixes the temperature sensor and seals the opening.



MODELS AVAILABLE

Reference	Length	Ø mxim. sensor	Maximum immersion length
07 06 20	160 mm	3 mm	100 mm
07 06 21	250 mm	3 mm	200 mm
07 06 23	160 mm	6 mm	100 mm
07 06 24	250 mm	6 mm	200 mm

Connectors



MODELS AVAILABLE

Model	Reference	Description
Con. 01	07 99 01	Temperature sensor connector
Con. 03	07 99 03	Connector for analog output

TS THERMAL SWITCHES

Bimetallic thermostat rated at a fixed temperature, tracer used in pipes and heating blankets, if not requires a very accurate control, or temperature limiters.



TECHNICAL DATA

Range	According to model (see table)
Nominal voltage	230V
Breaking capacity	Mximum 10 A (2300W)
Nº of switching actuations	Aprox. 10000 cycles
Switch-off point	Nominal switching temperature ± 5 °C
Reclosing point	Aproxi 30 ± 15 °C below to switch-off point

MODELS AVAILABLE

Model	Reference	Range
TS 60	07 07 04	60 °C
TS 80	07 07 07	80 °C
TS 100	07 07 02	10 °C
TS 120	07 07 08	120 °C
TS 140	07 07 01	140 °C
TS 160	07 07 03	160 °C
TS 200	07 07 05	200 °C

TEMPERATURE PROBES



THERMOCOUPLE FLAT SENSOR

With connecting cable 1,5m silicone insulated
Can be equipped with a 6-pin connector

MODELS AVAILABLE

Model	Reference	Temperature
TCJ with connector	07 01 01	500 °C
TCK with connector	07 01 02	500 °C
TCJ without connector	07 01 03	500 °C
TCK without connector	07 01 04	500 °C



THERMOCOUPLE ROD SENSOR

Jacketed mineral insulated thermocouple, see the accompanying table diameters,
Flexible, suitable for high temperatures.
With connecting cable 2 m
Can be equipped with a 6-pin connector

MODELS AVAILABLE

Model	Reference	Model	Reference	Material	Dimensions	Temperature
TCK with connector	07 02 06	TCK without connector	07 02 09	Inconel	Ø 1,0 x 500 mm	1000 °C
TCK with connector	07 02 07	TCK without connector	07 02 10	Inconel	Ø 1,5 x 80 mm	1000 °C
TCK with connector	07 02 02	TCK without connector	07 02 04	Inconel	Ø 1,5 x 250 mm	1000 °C
TCJ with connector	07 02 01	TCJ without connector	07 02 03	AISI 321	Ø 1,5 x 250 mm	600 °C
TCK with connector	07 02 16	TCK without connector	07 02 15	Inconel	Ø 1,5 x 500 mm	1000 °C
TCK with connector	07 02 08	TCK without connector	07 02 11	Inconel	Ø 1,5 x 1000 mm	1000 °C



Pt 100 ROD SENSOR

With connecting cable 2 m
Maximum temperature 500 °C

MODELS AVAILABLE

Model	Reference	Material	Dimensions
Pt 100 cable PVC	07 02 50	AISI 321	Ø 3 x 300 mm
Pt 100 cable silicone	07 02 55	AISI 321	Ø 3 x 300 mm



Pt 100 HAND SENSOR

With connecting cable 1,5m silicone insulated, and connector
Sheat AISI 316 Ti. Maximum temperature 450 °C

MODELS AVAILABLE

Reference	Sensor type	Dimensions
07 04 02	1 x Pt 100	Ø 3,0 x 160 mm
07 04 03	1 x Pt 100	Ø 3,0 x 250 mm
07 04 07	1 x Pt 100	Ø 3,0 x 500 mm
07 04 05	2 x Pt 100	Ø 6,0 x 160 mm
07 04 04	2 x Pt 100	Ø 6,0 x 2500 mm