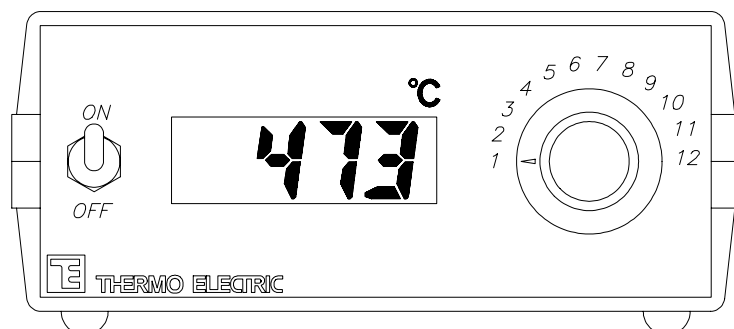




Features:

- Portable - robust
- 12 Volt DC operation
- LED indication of temperature
- 12 thermocouple channels
- Available in K or J calibration

Applications:

A 12 point temperature indicator for in vehicle use.

Specifications:

Model	: SCA-23012-K or SCA-23012-J
Input	: 12, K type thermocouples (chromel-alumel) or J type thermocouple (iron-constantan)
Input connections	: via miniature type thermocouple sockets
Channel selection	: a 12 position rotary switch, contacts 3 mm gold
Range	: -230 °C to +1372 °C for K type -210 °C to +1190 °C for J type
Resolution	: 1 °C
Accuracy	: ± 0,1% of span
Cold junction compensation	: automatic
Drift	: 80 ppm/degree maximum
Reference junction compensation error	: 1/30 rejection
Ambient temperature limits	: 0 °C to 55 °C
Source resistance effects	: 0,2 mV error per 100 source resistance maximum
Input impedance	: 100 MW
Power consumption	: approx. 6 Watt
Displays	: 14,2 mm, 4 digit, high intensity red LED's leading zeros blanked, update rate -2 conversions/second.
Display test	: "888" displayed upon power up
End of range display	: over range - 'o/r'; under range - 'U/r'
Open sensor	: upscale burnout display reads 'o/C'
Power supply	: nominal 12 VDC or 9-30 V DC/AC via isolated DC/DC converter
Switch	: a single pole double throw power ON:OFF switch is available
Input power connector	: amphenol type AMBGB 62 GB-57A8-3P-8436TCX wire pin A+ ve, pin B- ve, mating plug supplied (PTS-93142)
Dimensions	: 155 x 64 x 158 mm (W x D x H)
Weight	: 1,2 kg

Ordering code:

SCA - 23012 - calibration

K = Chromel-alumel
J = Iron-constantan

ACCESSORIES: see reverse side



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

Tel. : +31 (0)182 – 302 850
Fax : +31 (0)182 – 302 777
E-mail : info@thermo-electric.nl
Internet : <http://www.thermo-electric.nl>

K/519
Rev.00 08/03