



HI-10, Hand-held temperature indicator

Features

- ✦ Low cost
- ✦ Compact Size
- ✦ 1°C (excludes sensor non-linearity errors)
- ✦ No Calibration droop
- ✦ <0.3°C indication drift
- ✦ Standard open sensor display and up-scale break protection
- ✦ Wide variety of sensors available for various applications
- ✦ Dimensions : 152H x 82W x 32D mm

SHIVA CONTROLS & SYSTEMS' Model HI-10, hand-held digital temperature indicator operates on standard 9 Volt, Type 6F22 battery. The other standard features include automatic cold junction compensation, open sensor indication and 'LO' battery power indicator. These are calibrated for either Thermocouple or RTD sensor. The standard resolution is 1°C and optionally 0.1°C resolutions can be given for RTD sensor inputs only.

Specifications

Input	: Thermocouple or RTD Pt-100
Resolution	: 1C or optionally 0.1C
Measurement Accuracy	: 1C (excludes sensor non-linearity errors)
Cold junction compensation	: Automatic
Indication drift	: < 0.3C, constant after 18 hours (Test condition ambient 45C, Cr/Al for worst case)
Sensor break / open	: Shows 'I'
Indication response time	: 3 conversions / second
Display	: 3-1/2 digit 12.5 mm high 7-segment LCD display
Battery type	: 1 x 9V Type 6F22 battery
Battery current drain	: 0.35 mill amperes typical
Battery life	: Better than 1000 hours, continuous rating
Dimensions	: 152H x 82W x 32D mm

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We reserve the right to change the specifications without prior notice.