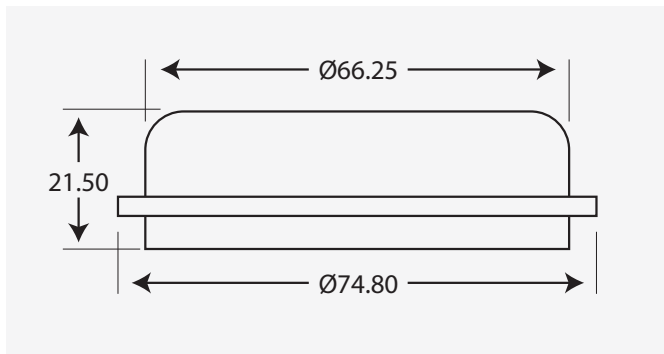


HBS16000 (Thermocouple)

LCD Battery Powered Indicator



The HBS16000 (Thermocouple) is a battery powered indicator which accepts thermocouple inputs and shows the temperature on a 4 digit LCD display. The menu system is easily navigated by the use of three push buttons located on the rear of the display. This enables the HBS16000 TC to be easily configured without the need for dedicated programming equipment. Battery life is a minimum of 1 year and the 3.6V Lithium battery is easily replaced if required.



Environmental Conditions

Ambient Storage Temperature (-10 to +70) °C

Common Specifications

Battery Type 3.6 V Lithium AA replaceable
Battery Life 1 year minimum
Battery Alarm Via display
Connection 3 terminal screw block
Configuration Security Passcode protected

Input Specifications

HBS16000TC Sensor type; K, J, T, R, S, E, L, N or B
Accuracy ± 0.1 % of full scale ± 0.5 °C
Measuring Range (-200 to 1800) °C
Connections 3 Way terminal block
Maximum Wire Size 1.5 mm²
Environmental Rating IP67 when in appropriate enclosure

Configuration

The HBS16000TC is configured using the buttons at the rear of the display. They configuration parameters include the following;

- Security passcode protection.
- Sensor type; Sensor type; K, J, T, R, S, E, L, N or B
- Temperature units; °C or °F
- User offset; intended to offset the displayed temperature by a user-configurable amount
- Display resolution; 1, 0.1, 0.01 or 0.001 °C
- Low battery alarm