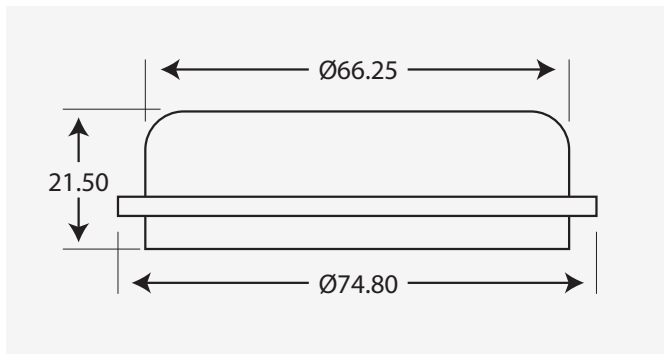


# HBS16000 (Thermocouple)

## 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 mm<sup>2</sup>  
**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