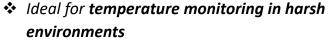
UT-ONE L01A

Rugged Thermometer Readout

BATEMIKA measurement solutions

Highlights



- Long-term monitoring of climate conditions
- Monitoring in industrial environment
- Integration in automated test equipment
- Single-channel temperature measurement
- Platinum resistance thermometer or thermistor option selectable at ordering
- 4-wire resistance measurement
- Circular connector with IP68 ingress protection
- Off-the-shelf and easy-to-assemble connectors (Bulgin Buccaneer 400)
- Waterproof and shock-resistant design with machined aluminium housing
- RS232 interface with baud rates up to 250 kbauds
- USB to RS232 converter included for direct connection to a computer
- Internal flash memory for measurement storage
- Standard and custom probe characterization
- Acquisition software and LabVIEW drivers available free of charge



Specifications Summary

Туре	Range	Accuracy
Platinum resistance thermometers	-200 °C to 960 °C (0 to 800 Ω) *	±0.004 °C **
Thermistors	-100 °C to 200 °C (0 to 80 kΩ) *	±0.001 °C **

Each device is configured either as Pt100 or thermistor option during manufacturing (not user changeable)

Ordering Information

Description	Order code
UT-ONE L01A Rugged thermometer readout	BH-B045
External reference resistor *	BH-B006

^{*} Optional accessory

^{*} Readout only, actual range may be limited by probe specification

^{**} Readout only, typical value. Visit our website www.batemika.com to get detailed specification.