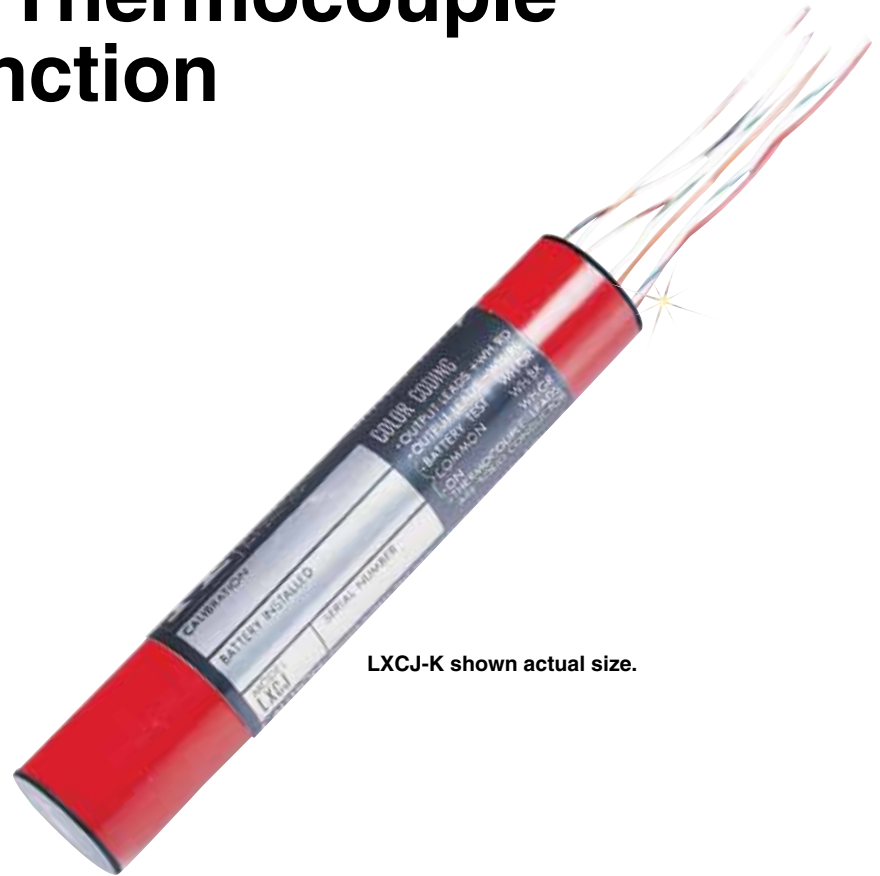


Self-Powered Thermocouple Reference Junction

LXCJ Series



LXCJ-K shown actual size.

**Completely Portable,
Self-Contained
Miniaturized Circuitry,
Hermetically Sealed
Extreme Environmental
Applications
Instantaneous Use
Built-In Battery
Test Indicator
No Warm-Up
Long Life**

Design Features

Immediate Operation: Self-contained battery with solid state circuitry is operational immediately upon joining switch leads. All leads are 356 mm (14") long

Built-In Battery Test: Unit contains a sealed, built-in battery test indicator. Connection of battery test leads causes an indicator to glow through a window in the side of the unit

Flexible Application: Small size, 102 L x 2.8 mm diameter (4 x 1.1"), permits easy installation or portability for most uses

Performance Characteristics

Reference Temperature Setting: 0°C (32°F) standard; (other references available)

Compensation Accuracy†:

±¼°C @ 25 ±5°C ambient setting
±½°C from 15 to 35°C ambient temp
±¾°C from 0 to 50°C ambient temp

† For standard reference temperature setting and standard base material thermocouple wire.

Operating Life: Up to 5000 hours, continuous use; up to 3 years, intermittent use

Output Impedance: Less than 250 Ω standard

Storage Temperature: -25 to 75°C (-13 to 167°F)

Dimensions: 102 L x 28 mm diameter (4 x 1.1")

Lead Length: 356 mm (14"), standard

Note: To prolong battery life, use test light sparingly.

Design, construction and specifications are subject to change.

Discount Schedule

| | |
|--------------------------|---------------|
| 1 to 10 units | .NET |
| 11 to 24 units | .5% |
| 25 to 49 units | .10% |
| 50 and Up | Consult Sales |

To Order

| Letter Code | Calibration | | Model No. |
|-------------|--------------|------------|----------------|
| | + | - | |
| K | CHROMEQA® | ALOMEGA® | LXCJ-K |
| T | Copper | Constantan | LXCJ-T |
| E | CHROMEQA | Constantan | LXCJ-E |
| J | Iron | Constantan | LXCJ-J |
| SX | Plat 10 ext. | Pt ext. | LXCJ-SX |
| CX * | Alloy 405 | Alloy 426 | LXCJ-CX |
| GX * | Alloy 200 | Alloy 226 | LXCJ-GX |
| DX * | Alloy 203 | Alloy 225 | LXCJ-DX |

Comes complete with operator's manual.

* Not ANSI symbol.

Ordering Example: LXCJ-K, K reference junction.