

## Features/Benefits

- Waterproof and dustproof
- Gasket-sealed aluminum enclosure with magnetic base
- EMI hardened
- Designed and manufactured in the U.S.A.
- Designed to comply with U.S. and European safety standards and regulations
- Single axis, non contact hall-effect technology for long life
- Used in conjunction with CSLLC's CS3248 improved Turret Drive System motor controller and CS3208 BPMTU controller



CS3209A-1



CS3209B-1

## Description

The CS3209A-1 and CS3209B-1 are a single-axis joystick user interface designed for tough environments and harsh conditions. They are completely waterproof and dustproof, making it an excellent choice for applications in dusty, dirty, or wet environments. Provides proportional control when used in conjunction with Control Solutions' CS3248 and CS3208 series motor controllers, allowing the user to move heavily armored vehicle turrets accurately and safely.

## About Us

Designing and manufacturing field-hardened systems to meet the challenges of the military for over 20 years. Control Solutions LLC, your rapid-response provider of motion control solutions.



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**Specifications**

| CS3209A-1, CS3209B-1 Parameters       | Value                             |
|---------------------------------------|-----------------------------------|
| Operating Voltage                     | 0.5 to 4.5 Volts (2.5V center)    |
| Operating Current                     | 6 mA                              |
| Operating Ambient Temperature °F (°C) | -40 to 185 (-40° to 85°)          |
| Physical Size (HxWxL) Inches (mm)     | 7.75 x4.4 x 5.9 (191 x 112 x 150) |
| Weight. lbs. (kg)                     | 5.5 (2.5)                         |

All Specifications are subject to change without notice.

**Joystick Connection Diagram**

