



when reliability is critical™

Reliability and Specification Data KIF6000 Series Industrial Keyboards

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Industrial Keyboards with Industrial Mouse™ (Joystick Cursor Controller) Mouse Pointers

- Anodized aluminum in black or beige enclosure or a stainless steel enclosure
- Stainless steel enclosure available
- Molded silicone rubber elastomer keys rated for 10 million cycles
- Excellent tactile feel, 2mm key travel
- Industrial Mouse™ (Joystick Mouse Cursors) available with three joystick knob options
- Optional French (AZERTY), Spanish (QWERTY), or German (QWERTZ) legends
- Optional MIL-STD-810G, MIL-STD-901D, MIL-STD-1472F, MIL-STD-454, MIL-STD-461

Features

Two stainless steel threaded inserts (mounting holes in bottom plate)
Back lighting option: RED or GREEN LED's
Black Elastomer with backlighting option
Gray Elastomer (non-backlit)
Rugged NEMA 4, 4X (IP66) for harsh environments
Keys: 2mm travel with excellent tactile feedback
Repairable design
Plug and Play, Port compatible - no drivers required
Legends are silicon ink, oven cured, so as to thermally fuse the ink to the rubber
Direct factory support
Joystick withstands 25lbs of a static load
No drift pointer design
Made in the USA

Reliability

MTBF (Mean Time between Failures): Electronics is greater than 100,000 hours
Operating Temperature: -40° to 80° C
Storage Temperature: -40° to 80° C
Shock rating: 30g to 50g 11msec. half sine, depending on knob option
Vibration: 10-55 Hz@ 0.013 DA
Elastomer Switches: Rated for up to up to 10 million cycles
Keys: Sealed "Hard" gold plated switch contacts. A minimum of 30 to 50 micro inches of Gold over 100 micro inches of Nickel over Copper on switch contacts is used.

NEMA and IP Sealing and Protection Standards

NEMA 4, NEMA 4X (IP66)
Syn-Proof™ coating resists most oils and harsh chemicals
Optional Parylene coating (toughest molecular barrier protection)

Certifications

Meets FCC Class A and B
Meets CE Requirements, RoHS Compliant, REACH Directive Conformance
ESD rated to 15KV