SERIES 04JT
Joystick with Tactile Feel

FEATURES
• Dynamically sealed against contamination to IP67 when properly mounted
• Available in above and below panel mount
• RoHS compliant
• High life (250,000 Operational Cycles)
• Short behind panel length (0.689")

DESCRIPTION
Series 04JT is a single pole, 4-way toggle switch with a tactile feel. 4-way contact is made in the opposite direction of travel.

DIMENSIONS in inches (and millimeters)

**ELECTRIC & MECHANICAL RATINGS**
- **Lower Level Rating:** 10mA (max) Resistive @ 5VDC
- **Contact Resistance:** 50mΩ (max)
- **Operating Temperature:** -55°C to +85°C
- **Operational Life:** 250,000 cycles
- **Insulation Resistance:** 10,000M ohms
- **Toggle Lever Travel:** 12° from center (max)
- **Toggle Operating Force:** 16 oz + 6 oz initial
- **Toggle Pivot & Stop Strength:** 25 lbs. (max)
- **Mechanical Shock:** per MIL-STD-810, procedure I, method 516.4
- **Immersion:** per MIL-PRF-8805, sealed to IP67
- **Moisture Resistance:** per MIL-DTL-9419G, Paragraph 4.7.6
- **Altitude:** Up to 60,000 ft per MIL-DTL-9419G, Paragraph 4.7.16
- **Solderability:** per MIL-DTL-9419G, Paragraph 4.7.19

**MATERIALS & FINISHES**
- **Cap:** Thermoplastic
- **Bushings:** Aluminum alloy (black chrome finish)
- **Toggle Lever:** 1/2 hard brass (gold over silver over nickel plating)
- **Hex Nut:** Aluminum alloy (black chrome finish)
- **O-Ring:** 50 durometer fluorosilicone
- **Spanner Nut:** Stainless Steel (black chrome finish)
ORDERING INFORMATION

**04JT-XX-XXX-X**

- **MOUNTING:** A: ABOVE PANEL, B: BEHIND PANEL
- **CONNECTION:** P: PC TERMINALS, B: PC BOARD ON SWITCH

**GRAYHILL SERIES NUMBER**

- **ACTUATION**: BLANK = STANDARD, 4 = 4-WAY, 8 = 8-WAY
- **CURRENT RATING**: 2 = STANDARD
- **CAP COLOR**: 0 = BLACK, 1 = GRAY
- **CAP SHAPE**: C = CONE-SHAPED, T = STADIUM

*ACTUATION DESCRIPTIONS*

**STANDARD OPTION** is MAKE-BEFORE-BREAK when rolling actuator between adjacent positions. Diagonal actuation from center does not activate either adjacent position.

**4-WAY OPTION** is BREAK-BEFORE-MAKE preventing adjacent positions from being active simultaneously. Diagonal actuation from center does not activate either adjacent position.

**8-WAY OPTION** allows activation of two adjacent positions directly from center with diagonal actuation and make-before-break when rolling actuator between adjacent positions.