

SERIES 04J

Joystick with Center Pushbutton

FEATURES

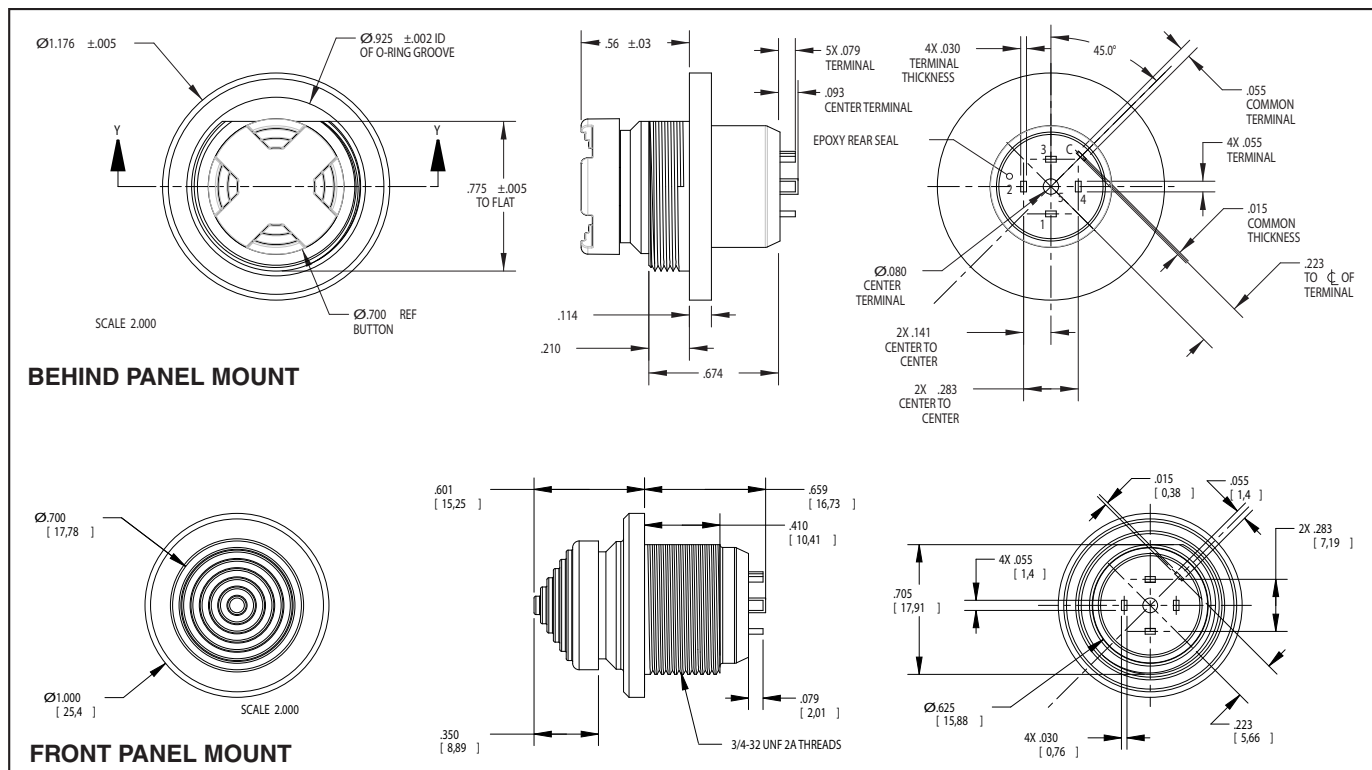
- Sealed against contamination when properly mounted (IP68)
- Two formats available: behind-panel mount or front-panel mount

DESCRIPTION

Series 04J is a single pole, 4-way toggle switch with a pushbutton in the center position. 4-way contact is made in the opposite direction of travel.



DIMENSIONS in inches (and millimeters)



ELECTRIC & MECHANICAL RATINGS

Rating: 2 amp resistive; 0.5 amp inductive at 28VDC or 115VAC

Contact Resistance: .05 ohms (max)

Operating Temperature: -55°C to +85°C

Operational Life: 100,000 cycles (min)

Pushbutton Travel: .020 minimum overall

Pushbutton Operating Force: 5 lbs. (max)

Toggle Lever Travel: 15° 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

Moisture Resistance: per MIL-DTL-9419

MATERIALS & FINISHES

Switch Body & Concave Cap: Thermoplastic (black, cone-shaped cap is gray)

Bushing: Aluminum alloy (black chrome)

Contact Terminals: 1/2 hard brass (gold over silver over nickel plating)

Spanner Nut: Stainless steel (black chrome)

O-Ring: 50 durometer fluorosilicone

ORDERING INFORMATION

Available from your local Grayhill Distributor.

For prices and discounts, contact a local sales office, an authorized local distributor or Grayhill.

Grayhill Series Number
Version:
 B = behind panel; A = above panel
Connection:
 P = pcb mount; S = solder lugs

04J-BP-T01

Current: 1 = high; 2 = low*
Keycap Color: 0 = black; 1 = gray
Keycap Shape:
 T = concave cap; C = cone-shaped cap

* Low Level signal is defined as a very small electrical load (i.e., 50 millivolts at 10 milliamps)

CIRCUITRY

