\oplus \oplus 1.50in (38.10mm) 2.51in (63.75mm) Top View \oplus \oplus 1.50in (38.10mm) 0.20in (5.08mm) Front View 5.80in (147.32mm) 0.20in 8.58in (5.08mm) (217.93mm) 0.19in (4.83mm) 2.58in 2.19in (65.53mm)(55.63mm) 2.13in (54.10mm) 2.51in (63.75mm) **Bottom View** \oplus \oplus 2.51in (63.75mm) Brass ultraserts 6-32 x 0.25 2.01in Screw 6-32 x 7/8 PH PAN s/s (51.05mm) 4 places \bigcirc Ð Note: Actual strain relief position may vary from specifications.

SPECIFICATIONS

ELECTRICAL

SUPPLY VOLTAGE 5.0V DC **CENTER VOLTAGE** 2.5V DC SUPPLY CURRENT 10mA max/axis **OUTPUT CURRENT** 2mA max/axis **EFFECTIVE OUTPUT** 0V - 5V DC **OUTPUT TOLERANCE** ±2%

MECHANICAL

OPERATING TRAVEL 40° (20° from center) CENTERING Single spring,

omnidirectional

BREAKOUT FORCE 0.544Nm 0.653Nm **OPERATING FORCE** MAXIMUM FORCE 1.306Nm -40°C to +85°C **OPERATING TEMP**

LIFE EXPECTANCY 10 million operations

WIRING

Supply voltage RED **BLACK** Ground **BLUE** X-Axis YELLOW Y-Axis **ORANGE** Switch 1 **VIOLET** Switch 2 WHITE Switch common

RoHS compliant





DESCRIPTION Series III – 2 Axes, Stock Grip, 2 Top Buttons

PROPRIETARY AND CONFIDENTIAL

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