**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: 36° (18° from center)
- CENTERING: Single spring, omnidirectional
- BREAKOUT FORCE: 0.109Nm
- OPERATING FORCE: 0.151Nm
- MAXIMUM FORCE: 0.169Nm
- OPERATING TEMP: -40°C to +85°C
- LIFE EXPECTANCY: 10 million operations

**WIRING**
- RED: Supply voltage
- BLACK: Ground
- BLUE: X-Axis
- YELLOW: Y-Axis
- ORANGE*: Switch
- WHITE*: Switch

(* - wires are interchangeable)

RoHS compliant

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**CH Products**

**HFX-22S10**
Series I – 2 Axes, with Button

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