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
GREEN Z-Axis
ORANGE Switch 1
VIOLET Switch 2
WHITE Switch common

RoHS compliant

HFX-45S10
Series I – 3 Axes, with 2 Buttons

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