## **SPECIFICATIONS**

**ELECTRICAL** 

SUPPLY VOLTAGE
CENTER VOLTAGE
SUPPLY CURRENT
OUTPUT CURRENT
EFFECTIVE OUTPUT
OUTPUT TOLERANCE

5.0V DC
2.5V DC
10mA max/axis
2mA max/axis
6V - 5V DC
±2%

**MECHANICAL** 

OPERATING TRAVEL 38° (19° from center)

CENTERING Single spring, omnidirectional

BREAKOUT FORCE 1.3Nm
OPERATING FORCE 1.5Nm
MAXIMUM FORCE 1.7Nm

OPERATING TEMP -40°C to +85°C LIFE EXPECTANCY 10 million operations

**WIRING** 

RED Supply voltage

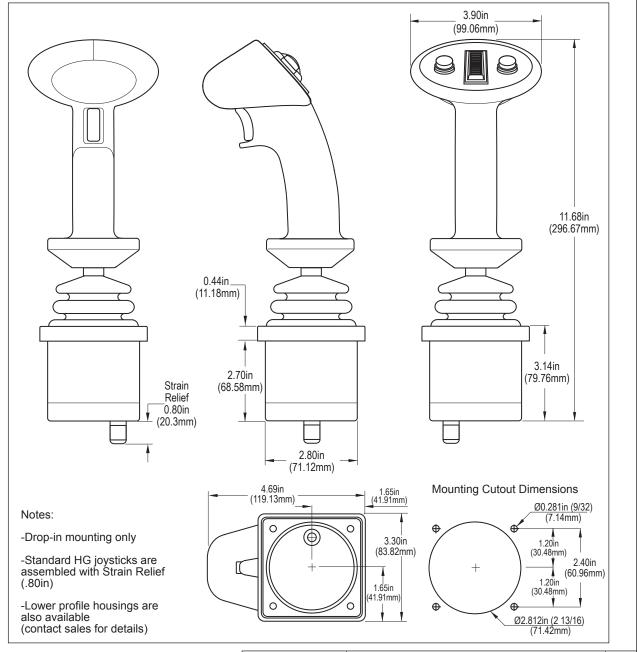
BLACK Ground
BLUE X-Axis
YELLOW Y-Axis
GREEN Z-Axis

YELLOW/BLACK 4th-Axis (Thumbwheel)
ORANGE Switch 1 (Index Trigger)

VIOLET Switch 2 GRAY Switch 3

WHITE Switch common

RoHS compliant





HG-432IS000-T

DESCRIPTION
Series IV – Multi, Oval, 3 Axes, 2 Top Buttons, Thumbwheel, Index Trigger
PROPRIETARY AND CONFIDENTIAL

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