

## 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%

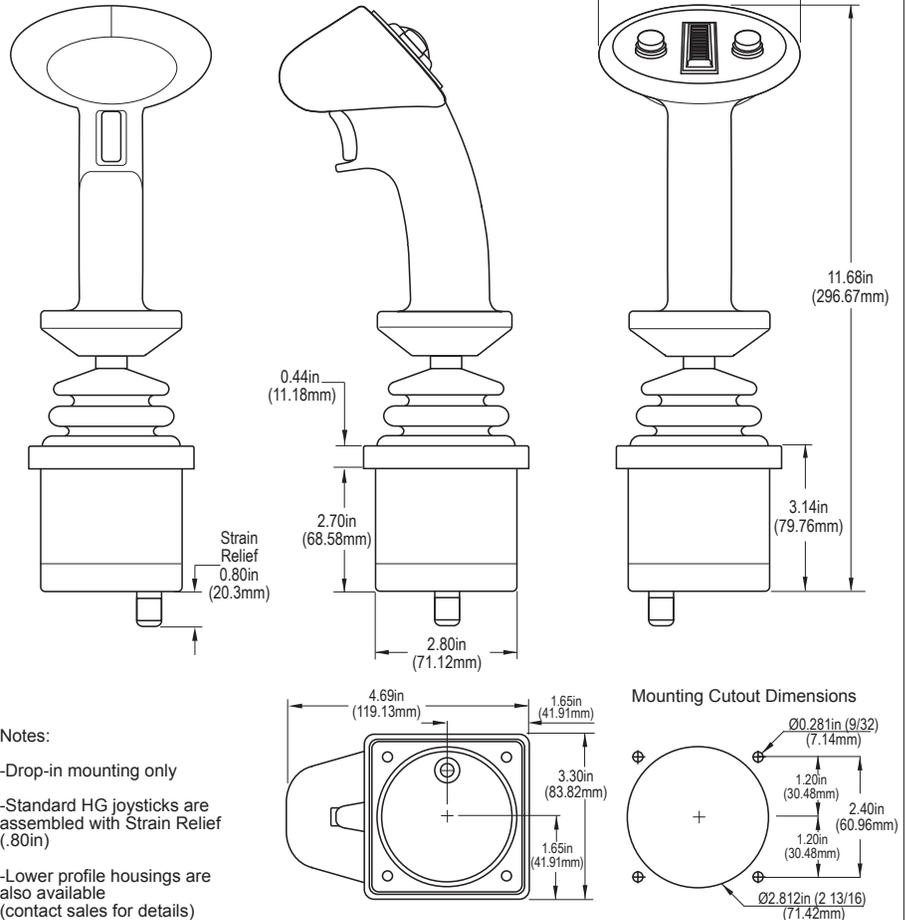
### MECHANICAL

OPERATING TRAVEL	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	4 <sup>th</sup> -Axis (Thumbwheel)
ORANGE	Switch 1 (Index Trigger)
VIOLET	Switch 2
GRAY	Switch 3
WHITE	Switch common

RoHS compliant



**CH**  
Products

P/N	<b>HG-432IS000-T</b>	REV	<b>A</b>
DESCRIPTION	Series IV – Multi, Oval, 3 Axes, 2 Top Buttons, Thumbwheel, Index Trigger		
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