

SPECIFICATIONS

ELECTRICAL

SUPPLY VOLTAGE	5.0V DC
CENTER VOLTAGE	2.5V DC
SUPPLY CURRENT	10mA max/axis
OUTPUT CURRENT	2mA max/axis
EFFECTIVE OUTPUT	2V – 3V DC
OUTPUT TOLERANCE	±2%

MECHANICAL

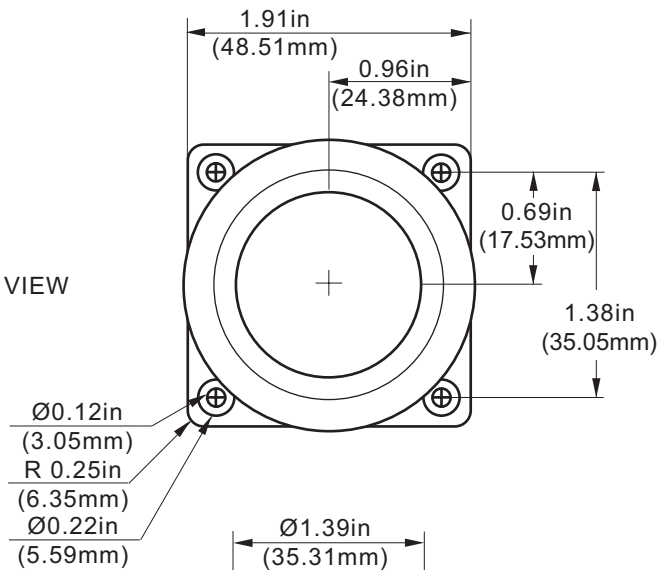
OPERATING TRAVEL	36° (18° from center)
CENTERING	Single spring, omnidirectional
BREAKOUT FORCE	0.109Nm
OPERATING FORCE	0.151Nm
MAXIMUM FORCE	0.169Nm
OPERATING TEMP	-40°C to +85°C
LIFE EXPECTANCY	10 million operations

WIRING

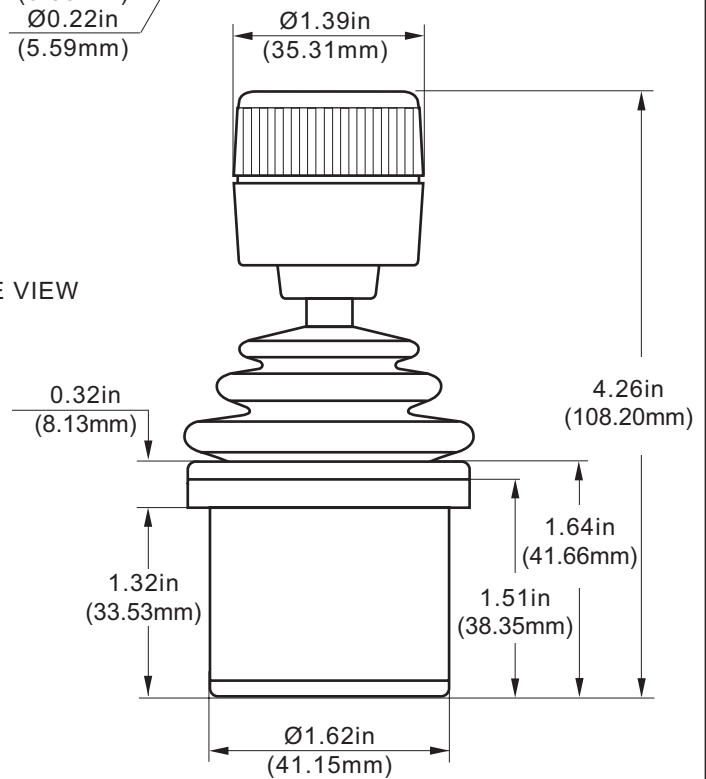
RED	Supply voltage
BLACK	Ground
BLUE	X-Axis
YELLOW	Y-Axis
GREEN	Z-Axis

RoHS compliant

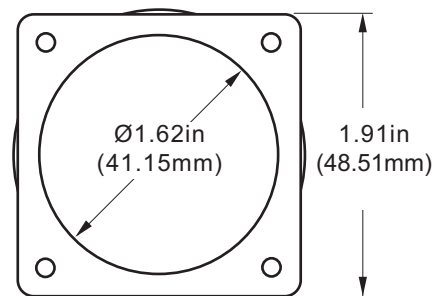
TOP VIEW



SIDE VIEW



BOTTOM VIEW



CH
Products

P/N

HFX-33R13

REV
A

DESCRIPTION

Series I – 3 Axes, no Button

PROPRIETARY AND CONFIDENTIAL

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