

### SPECIFICATIONS

#### ELECTRICAL

SUPPLY VOLTAGE	5V DC
SUPPLY CURRENT	10mA max
OUTPUT CURRENT	2mA max
EFFECTIVE OUTPUT	0V - 5V DC
OUTPUT TOLERANCE	±2%

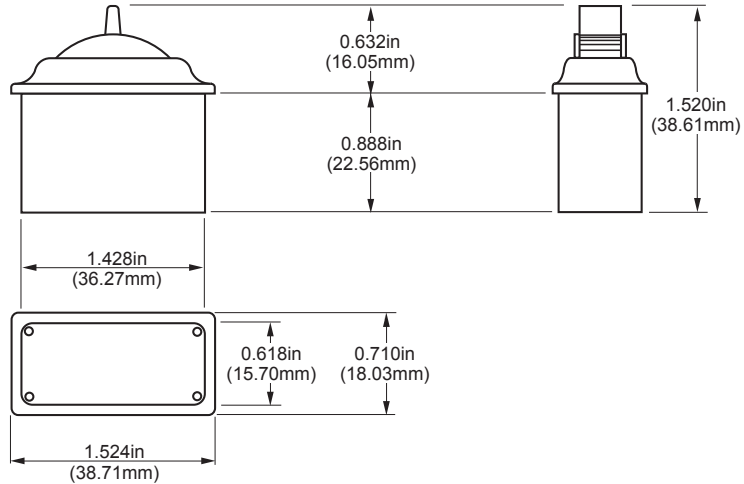
#### MECHANICAL

OPERATING TRAVEL	80° (40° from center)
CENTERING	Spring centering
ACTUATION FORCE	80g (0.78 Newtons)
OPERATING TEMPERATURE	-40° to +85°C
THUMBWHEEL COLOR	Black
LIFE EXPECTANCY	5 million operations

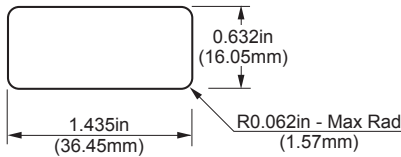
#### WIRING

RED	+5V
BLACK	Ground
BLUE	Output

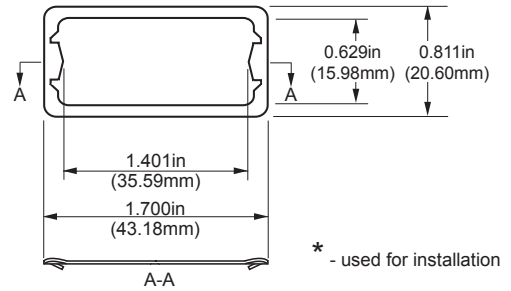
RoHS compliant



#### MOUNTING CUT-OUT DIMENSIONS



#### STEEL SPRING RETAINER \*



\* - used for installation



P/N	<b>HTW-00-BLACK</b>	REV	<b>A</b>
DESCRIPTION	<b>Thumbwheel - Black</b>		
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