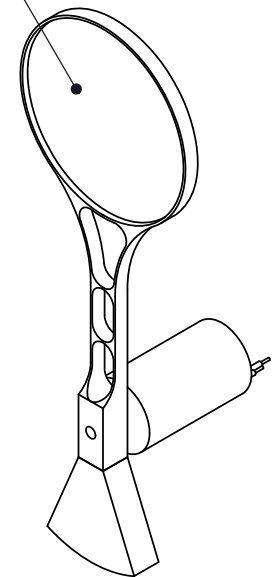


SEE NOTE 6



## PROPRIETARY DOCUMENT SIMPLIFIED DRAWING

NOTES:

SEE NOTE 7

1. PRODUCT TYPE: BI-STABLE ROTARY SHUTTER.
2. OPERATION: SHOWN MAGNETICALLY LATCHED IN POSITION #1, SHUTTER SHALL ROTATE  $57 \pm 2^\circ$  CW AND LATCH IN POSITION #2 WHEN SUBJECTED TO A 50 TO 100 MILLISECOND PULSE AT 24 VDC. SHUTTER SHALL RETURN TO POSITION #1 AND LATCH WHEN SUBJECTED TO A REVERSE POLARITY PULSE OF EQUAL MAGNITUDE.
3. COIL: RESISTANCE SHALL BE 190 OHMS  $\pm 5\%$  @ 25 °C. LEADS SHALL BE RED AND BLACK TEFLON INSULATED WIRE PER M16878 TYPE 30 ET. LEAD LENGTH TO BE 16" to 20", STRIPPED  $1/8" \pm 1/16"$  AT BOTH ENDS.
4. POLARITY: CW / RED (+) BLK (-) , CCW / RED (-) BLK (+).
5. BLACK ANODIZE FILTER MOUNT AND HOUSING.
6. CUSTOMER SUPPLIED FILTER.
7. THIS DRAWING PROVIDES GENERAL PRODUCT INFORMATION. FOR COMPLETE TECHNICAL DETAILS PLEASE CONTACT US AT (203) 544-9341 OR VIA EMAIL AT SALES@BRANDSTROMINSTRUMENTS.COM.

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DIMENSION TOLERANCES UNLESS OTHERWISE SPECIFIED			
ANGLES	$\pm 1^\circ$	2 PLACES	$\pm .010$
FRACTIONS	$\pm 1/32$	3 PLACES	$\pm .005$
	$\pm .015$	4 PLACES	$\pm .0005$
MATERIAL:	N/A		DRAWN:
FINISH:	N/A		CHECKED:
DATE:	SCALE:	NONE	
TITLE:	DWG NO:	SHEET:	REV:
BISTABLE SHUTTER ASSEMBLY	A1072	1 of 1	

# Brandstrom Instruments