

## Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Apem Inc.](#)  
[M41L0N1P](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

## SPECIFICATIONS

### ELECTRICAL

|                    |                                    |
|--------------------|------------------------------------|
| ELECTRICAL ELEMENT | Conductive plastic                 |
| RESISTANCE         | 5K $\Omega$ $\pm$ 20%              |
| POWER RATING       | 0.08W @ 50°C                       |
| ELECTRICAL TRAVEL  | 220° $\pm$ 5°<br>(110° off center) |
| MECHANICAL TRAVEL  | 260° centered                      |
| ROTATIONAL TORQUE  | 0.30 oz/in. max                    |

### MECHANICAL

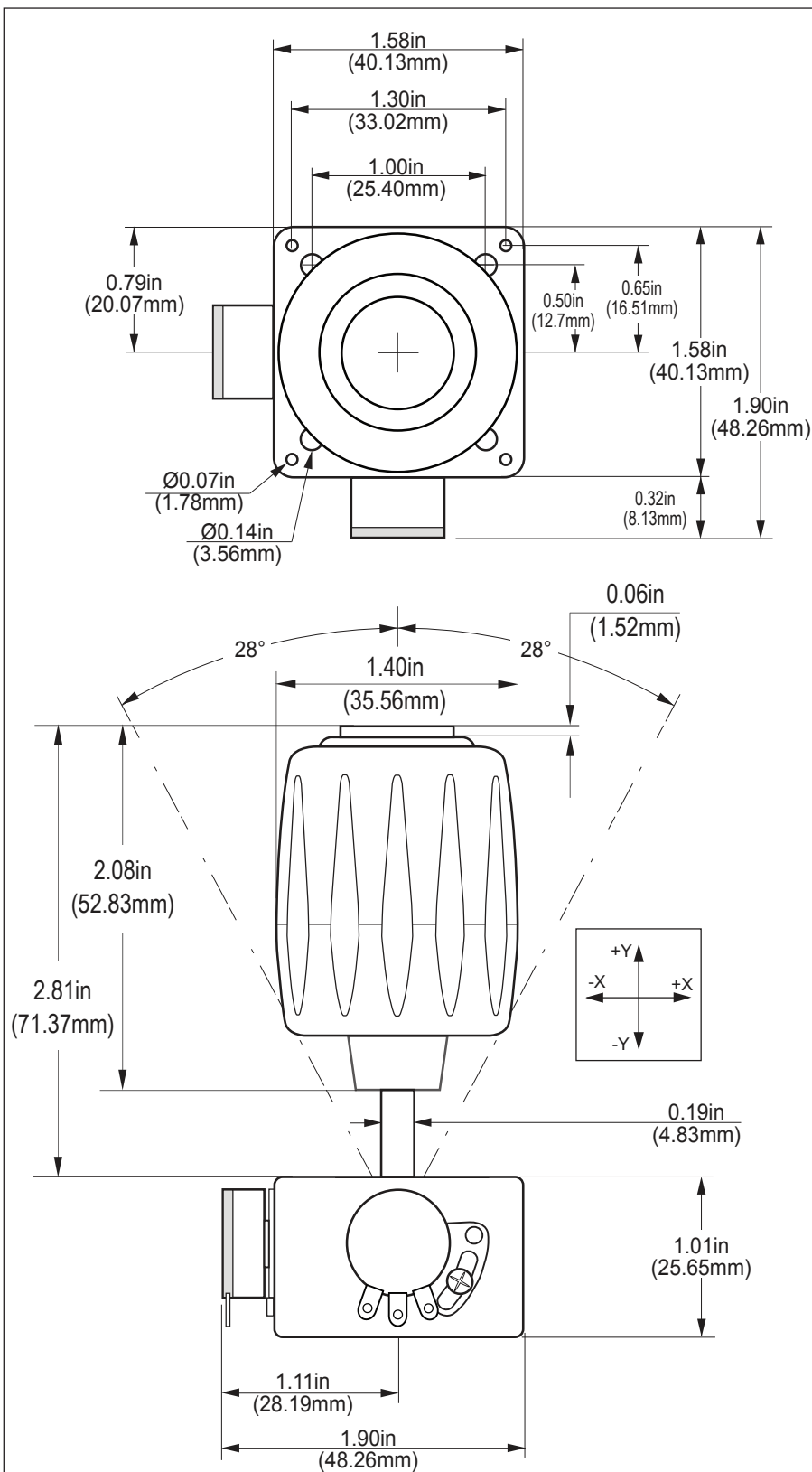
|                  |                          |
|------------------|--------------------------|
| OPERATING TRAVEL | 56°<br>(28° from center) |
| CENTERING        | Spring centering         |
| BREAKOUT FORCE   | 0.029Nm                  |
| OPERATING FORCE  | 0.041Nm                  |
| MAXIMUM FORCE    | 0.062Nm                  |
| LIFE EXPECTANCY  | 2 million                |

### WIRING

|         |        |
|---------|--------|
| RED     | Supply |
| WHITE   | Signal |
| BLUE    | Return |
| ORANGE* | Switch |
| ORANGE* | Switch |

(\* - wires are interchangeable)

**RoHS** compliant



**CH**  
Products

P/N

**M41L0N1P**

REV

**A**

DESCRIPTION

**Resistive Mini-3 Axes, with Button, with Rubber Boot**

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