



# Honeywell



## C0416442

**FEATURES INCLUDE:** Conductive Plastic Element  
Shaft Seal  
Two sets of hardware

### SPECIFICATIONS

(TA = 25deg.C unless otherwise stated)

#### Electrical

|                             |                  |
|-----------------------------|------------------|
| Resistance Value            | 5K               |
| Tolerance                   | +/-10%           |
| Independent Linearity Error | +/-5%            |
| Power Dissipation           | 2 W max.         |
| Effective Rotation Angle    | 284 deg.+/-5deg. |

#### Mechanical

|  |                    |
|--|--------------------|
| Mechanical Rotation between stops            | 312 deg.+/-3deg.   |
| Stop Torque                                  | 12 lb.in.min.      |
| Mounting Torque                              | 25 lb.in.min.      |
| Operating Torque                             | 6 oz.in.max.       |
| Bushing Thread                               | 3/8-32 NEF 2A      |
| Bushing Length                               | 0.500 in. +/-0.016 |
| Shaft Diameter                               | 0.250 in.+/-0.002  |
| Shaft Length, measured from mounting surface | 0.812 in. +/-0.032 |
| Shaft End Feature                            | Slotted            |
| Anti-rotation Tab                            | 9-o'clock position |
| Body Dimensions                              | 1.10 in. max.      |

#### Environmental

|   |                        |
|---|------------------------|
| Rotational Life (<10% change in total resistance) | 1M rotations min.      |
| Operating Temperature                             | -40deg.C to +120deg. C |

#### Marking

C0416442

### WARNING

#### PERSONAL INJURY

DO NOT USE these products as safety or emergency stop devices or in any other application where failure of the product could result in personal injury. **Failure to comply with these instructions could result in death or serious injury.**

#### MISUSE OF DOCUMENTATION

The information presented in this product sheet is for reference only. Do not use this document as a product installation guide. Complete installation, operation, and maintenance information is provided in the instructions supplied with each product. Failure to comply with these instructions could result in death or serious injury.