

# Linear Potentiometer – KTC-75mm



The KTC series linear potentiometer is designed to provide position feedback for systems with moving parts. This potentiometer can extend to a length of 75mm and is protected by an anodized aluminium outer casing.

This sensor can be used with any device with an analog input. Simply cut and connect a 3-wire Phidget cable as described in the Phidget Cable section on the “Compatible Products” tab.

## **Comes Packaged with**



- 2 Mounting Brackets
- A Wiring Harness with Cap
- A Rubber Seal
- A Ball Joint Attachment
- 4 Mounting Screws

**Product Specifications**

**Sensor Properties**

|                         |                    |
|-------------------------|--------------------|
| Sensor Type             | Input (Linear)     |
| Controlled By           | VoltageRatio Input |
| Linear Travel           | 75 mm              |
| Potentiometer Impedance | 5 k $\Omega$       |
| Repeatability Error Max | 0.02 %             |

**Physical Properties**

|           |                        |
|-----------|------------------------|
| Material  | Anodized Aluminium     |
| IP Rating | IP65                   |
| Lifespan  | 100 million actuations |
| Weight    | 180 g                  |