

Rotary Potentiometer – WDA-D35-D4C



The WDA rotary potentiometer allows positional feedback for a rotating part in your application. It can also be used as a dial to control variables such as volume, brightness, or sensitivity.

It has 360° of mechanical travel and 345° of electrical travel, meaning that it can be used for measuring continuous rotation with a small blind spot between each rotation.

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.

Product Specifications

Sensor Properties

Sensor Type	Input (Rotary)
Controlled By	VoltageRatio Input
Potentiometer Impedance	5 k Ω
Range of Rotation	(continuous) 360°
Effective Electrical Travel	345°

Physical Properties

Shaft Diameter	6 mm
Lifespan	50 million actuations
Weight	50 g

