

SN04-N Inductive Proximity Sensor – 5mm



Product Description

This inductive proximity sensor will detect the prescence of a metallic object within 5mm of the surface of the sensor. The detection distance may vary slightly depending on the shape, size, and type of metal the object is made of. It can detect through thin, non-metallic materials and has an LED indicator that turns on when the device is powered, and increases in brightness when an object is detected.

Connection

This sensor connects to a Phidget InterfaceKit or Hub with a digital input. See the “Compatible Products” tab for details.

Product Specifications

Sensor Properties

Detecting Distance Max	5 mm
Sensor Type	Proximity (Inductive)
Sensor Output Switch Type	Normally Open

Electrical Properties

Supply Voltage Min	6 V DC
Supply Voltage Max	36 V DC
Current Consumption Max	5 mA

Physical Properties

Cable Length	1 m
Material	ABS Plastic
Operating Indicator	Red LED
IP Rating	IP67
Operating Temperature Min	-25 °C
Operating Temperature Max	75 °C