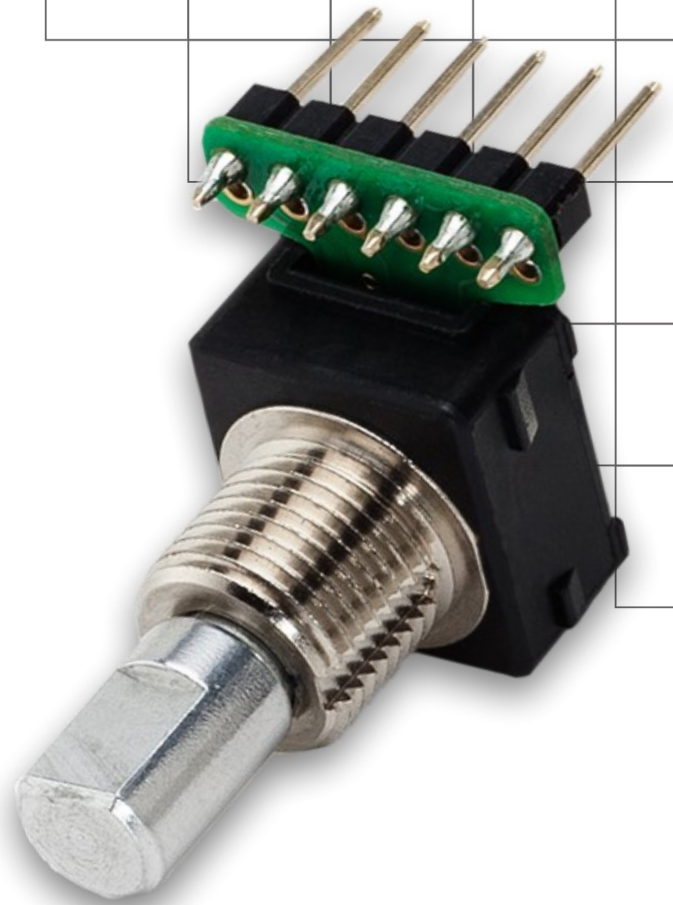


Sensors & Controls Solutions



CTS Sensors and Controls offers an expanding product portfolio of potentiometers, encoders, and rotary position sensors to meet the most demanding applications. Custom solutions and value-added options such as cable/connector harnesses, custom mechanical and electrical angle, custom shaft and bushing lengths, and other options are available on request. Ask your Sales Representative for details.

Industrial Grade Potentiometers

CTS industrial grade potentiometers offer a variety of standard options and configurations to fit various applications. Solder lug and PC pin versions available along with a variety of standard shaft lengths and resistance values.

Features

- » Conductive plastic and wirewound
- » Precision linearity
- » 1 to 3 million rotational life options
- » Wide operating temperature range

Advantages

- » Power handling capability
- » Reduced maintenance cost



- » Accurate setting
- » Designed for use in extreme environments

Rotary Encoders

CTS offers both optical and contacting rotary encoder product lines. Optical encoders offer extended durability while contacting encoders are offered at competitive prices. Standard and custom options are available to suit a variety of applications.

Features

- » 9mm, 12mm and 16mm sizes
- » Momentary switch and detent options
- » Incremental and absolute outputs
- » Dual concentric option (optical only)
- » Variety of resolutions

Advantages

- » Sized to fit various applications
- » Setting retention option
- » Coarse and fine settings



- » Tactile feedback
- » Multiple functions on a single control

Standard Grade Potentiometers

CTS commercial grade carbon potentiometers offer a variety of standard options and configurations including multigang, plastic and metal shaft options, solder lug and PC pin versions. Switch option are available on some models along with a variety of standard shaft lengths and resistance values.

Features

- » 16mm, 18mm and 24mm sizes
- » Low noise & improved signal throughout
- » 10k to 500k rotational life options
- » Various standard electrical travels

Advantages

- » Sized to fit various applications
- » Durability to fit the application



- » Design flexibility
- » Multiple functions on a single control

Rotary Position Sensors

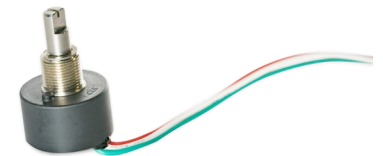
CTS is now offering non-contacting Hall Effect rotary position sensors designed for use in the most demanding industrial, medical and transportation applications. Non-contacting technology brings many advantages over contacting technology in applications where accuracy, reliability and long deployment are essential.

Features

- » Non-contacting technology
- » Wide operating temperature range
- » 10 to 50 million rotational life options
- » Standard internal shielding
- » Precision linearity & hysteresis
- » Standard seal options

Advantages

- » Elimination of internal wear
- » Extended field deployment
- » Precision setting and repeatability



- » Protection against EMI
- » Suitable for use in hot, cold, wet, and dusty environments

CTS (NYSE: CTS) is a leading designer and manufacturer of products that Sense, Connect and Move. CTS manufactures sensors, actuators and electronic components in North America, Europe and Asia, and supplies these products to OEMs in the aerospace, communications, defense, industrial, information technology, medical and transportation markets.

Place contact information/business card in this space.

CTS Corporation Contact our team at:

<https://www.ctscorp.com/contact>

