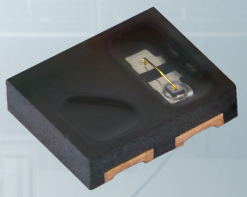
Features to Function

Rotary Encoders

Reflective



VCNT2025X01

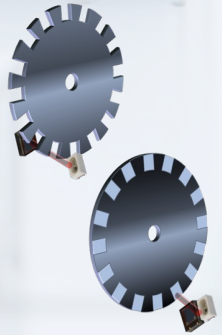
VCNT2030

Transmissive

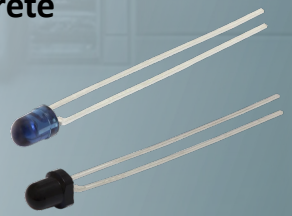
TCUT1600X01

TCUT1350X01

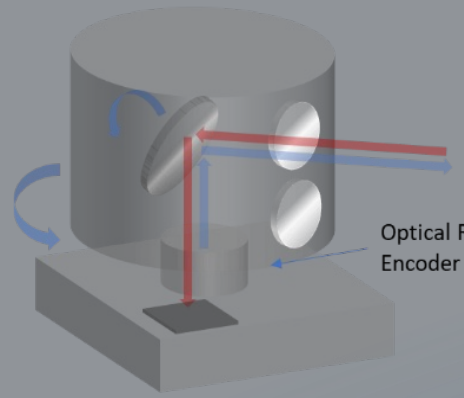
Discrete



VSMY5940 + VEMD4110

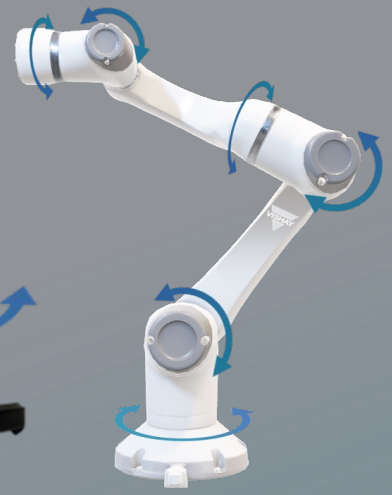


TSAL4400 + TEFT4300



Lidar Sensors

360° Cameras



Robot Arms

VISHAY

The DNA of tech.®

Rotary encoders are devices used to measure the rotation speed and position of rotating components, with two main types: absolute and incremental. They can be built using optical, magnetic, mechanical, or capacitive technologies, with optical encoders being favored for their high-speed response and minimal wear due to non-contact operation. Vishay provides sensors for these encoders, with applications ranging from industrial robots to LiDAR and factory automation. Encoders come in transmissive, reflective, and discrete types, each offering different advantages such as high accuracy, minimal space requirements, and design flexibility.

Datasheet

Application Note

www.vishay.com