

**Features to Function**

# Robot Taxi / Lidar - Low Profile Reflective Sensors

Integrated reflective sensor for contact-less and low profile rotational speed measurement

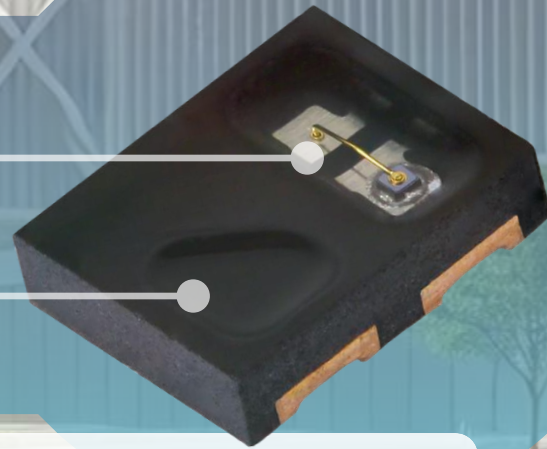


The DNA of tech.®

**VCNT202501**

IR Emitter

Phototransistor



## Integrated reflective sensor in a compact package

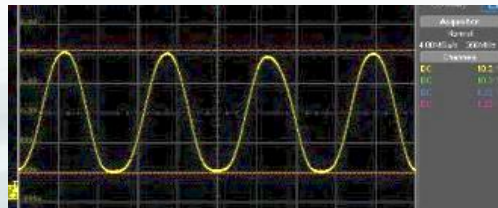
The compact package and low height of just 0.8 mm enable space-saving and cost-effective use in high precision rotational speed measurement applications.

Typical rotation speeds around 600 RPM pose no issue for the fast response time of the phototransistor.

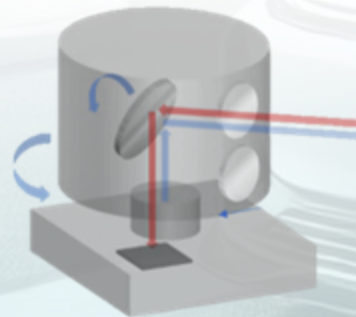
## Key Elements



Encoder Disc



Signal Output



Lidar Unit



[White Paper](#)



[Application Note](#)