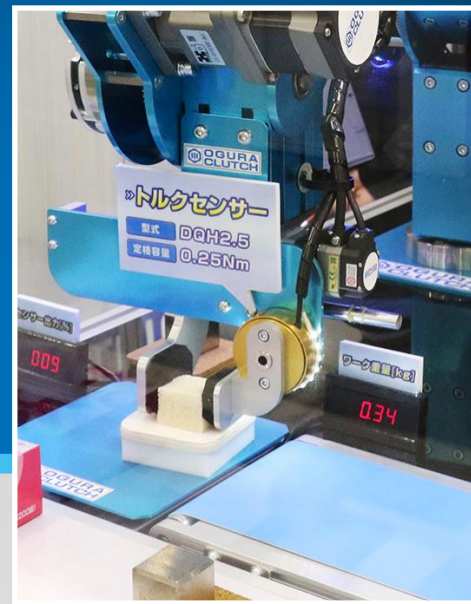
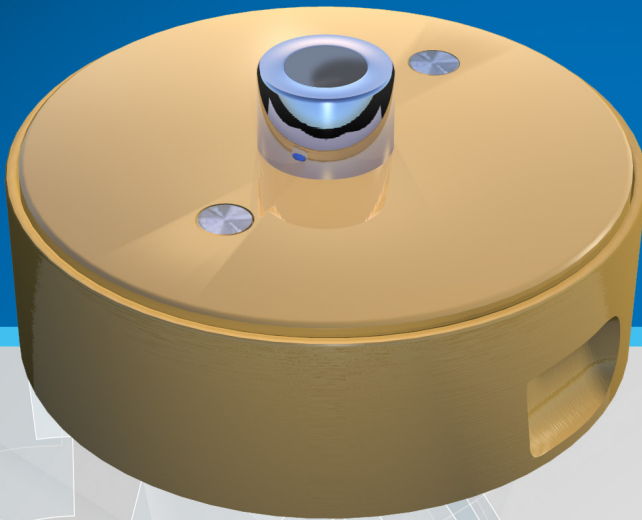




DQH Torque Sensor

for Robotics, Production & Automation



Tension Detection Technology:

- Measures deflection due to load in a rotational direction.
- Recognizes deflection and amount of tension.
- Delivers electrical output from the sensor.
- Enables reactionary responses to improve quality, limit load, reduce scrap, increase safety, and lower total cost.
- Torque sensors are implemented in a wide range of applications and mechanisms, but most commonly on cobots.



"What You Need in a Clutch®"

DQH Torque Sensor

for Robotics, Production and Automation



Non-rotating device: When the sensor body is fixed, torque is applied to the input shaft.

Torque capacity up to 1 Nm for either left or right hand operation

Lightweight and **small** design

No wear since the detection mechanism for deflection is non-contact type

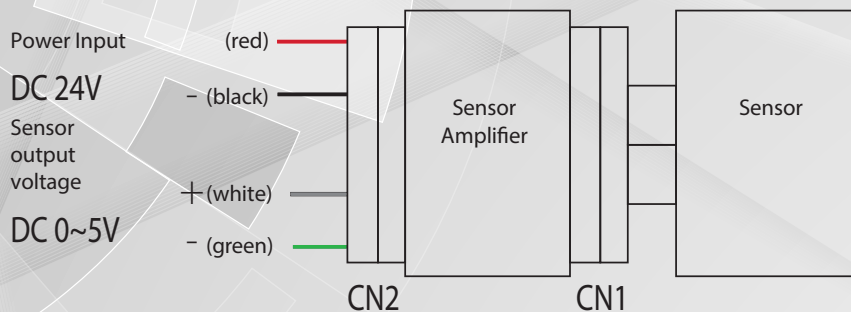
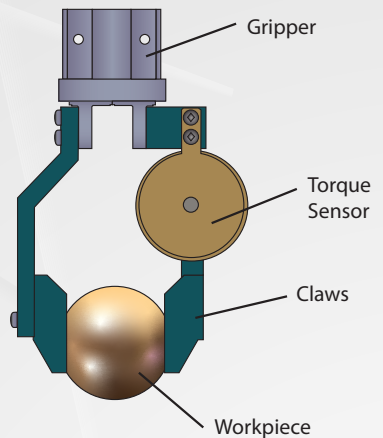
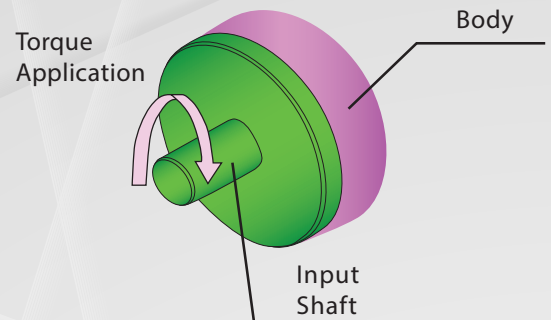
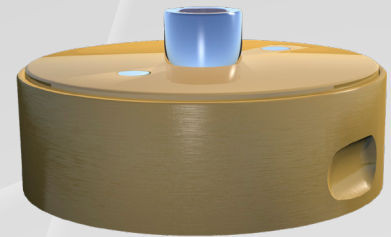
Hall effect sensor measures deflection and is very repeatable

Robust design with mechanical stopper for overload protection

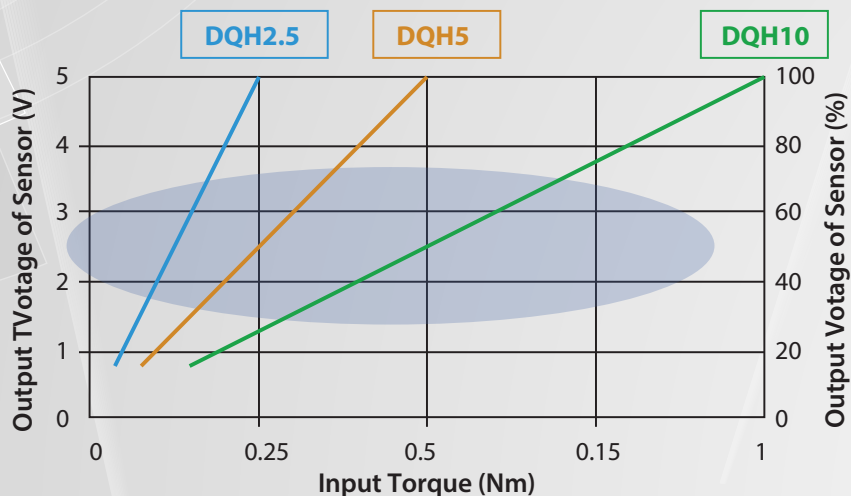
Amplifier for sensor is available

Input voltage 24 VDC $\pm$ 2V, 50 mA max current

Accuracy $\pm$ 2% max at full scale @ 23°C $\pm$ 3°C



Output Characteristics of DQH



100 Randolph Road • Somerset, NJ 08875-5790 • Tel: (732) 271-7361

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