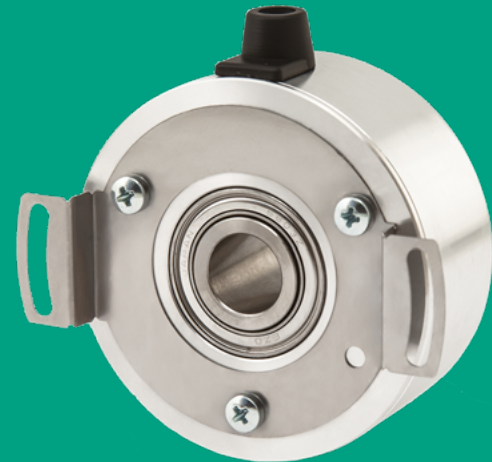


CH59 gets a makeover!

CH59 optical incremental encoder from Lika Electronic has been updated mechanically and electrically. It adds Sine-Cosine signals for position and speed feedback and CD commutation signals for rotor control on BLDC motors.

New mounting option with collar and fixing plate makes installation further easier.

- Compact incremental encoder for position and speed feedback
- Space-saving construction and several installation types
- AB0 /AB0 digital signals and high resolutions up to 204,800 PPR
- 1,024 Sine-Cosine signals + CD signals to control the position of the rotor
- For electro-medical applications, motor testbeds, feedback on gearless and servo motors



CH59 gets a makeover and now offers a wider choice of mechanical and electrical options.

The overall size has been reduced and the diameter of the flange measures 55 mm / 2.165".

The profile is very flat and starts from 25 mm / 0.984", according to the installation type.

The through hollow shaft has a bore of 10 and 12 mm / 0.394" and 0.472". It is designed **to directly fit the motor shaft and minimize the footprint.**

The **new mounting option** with collar and fixing plate allows for an

easier installation in typical industrial applications.

CH59 can provide **digital and Sine-Cosine output signals.**

Incremental digital version produces square wave signals with complementary and zero signals (AB0, /AB0); incremental information is provided via Line Driver output circuit and cable outlet.

A full range of resolutions up to the highest 204,800 PPR is available.

Sinusoidal version supplies 1,024 Sine-Cosine signals with inverted signals and Index signal once per

revolution for accurate position and speed feedback. In addition, it can output absolute position information (CD signals) to control the position of the rotor.

CH59 is ideally suited for electro-medical applications, analysis and laboratory equipment, testing instruments, motor testbeds, and also for gearless motors, servo motors (such as for semiconductor manufacturing machines), **robotics and any installation in constricted spaces.**