

## ... versatile MiniCODERs.

Successful in many fields of application

- Milling and grinding spindles
- Turning spindles
- Tool turrets
- Machining spindles in lathes
- Multiple spindle automatic lathes
- Rotary tables
- Special drives (e.g. hollow shaft motors)

## MiniCODER

Acquiring rotational speed and position precisely, reliably, efficiently

- **Precise**  
MiniCODERs acquire rotational speeds and provide positions with high accuracy. In this way you can ensure your machine is optimally controlled.
- **Reliable**  
The magnetic measuring system operates contactlessly and without moving parts, as a consequence MiniCODERs are maintenance-free and wear-free.
- **Efficient**  
MiniCODERs are quick to mount and immediately ready to use. So you save time during installation.

*Serial interface for Mitsubishi M800/M80/E80/C80 CNC series available*



We will find the best suited sensor for your application. Please contact us!

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*Finding solutions.  
Founding trust.*

# MiniCODER

Precise, reliable and efficient

## Contactless position and speed acquisition

- Maintenance and wear-free
- Rotational speeds up to 100,000 min<sup>-1</sup>
- High positioning accuracy
- Flexible solutions for a wide range of requirements



*Finding solutions.  
Founding trust.*



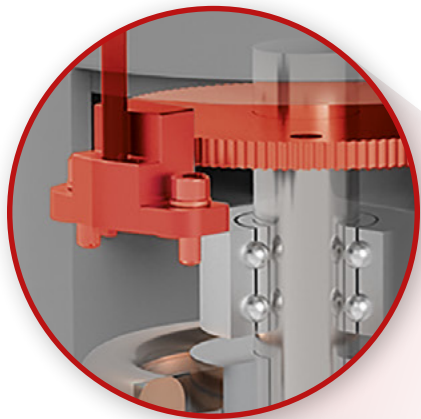
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11/2021

Profit from our ...



... intelligent and ...

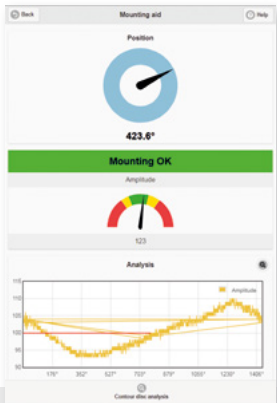
New options in communication and data preparation

- Increased signal accuracy by optimizing the sensor signals
- Documentation of operating conditions, e.g. minimum and maximum temperature and speed histogram
- Extended analysis options in guarantee and service cases

... interactive MiniCODERs.

Analysis, optimization and parameterization with the testing and programming unit

- Plug and play: Connection via external M23 connector of the i³SAAC-Precision-Box
- Verification of quality and installation conditions of target wheel
- Easy operation via web browser on any terminal device such as a smartphone, tablet or PC



Target wheels



Standard or customized

Applications



Rotational speed



Temperature



Position

Sensor

GEL 2444



Module 0.3 or 0.5

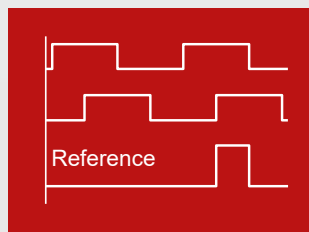
GEL 2449



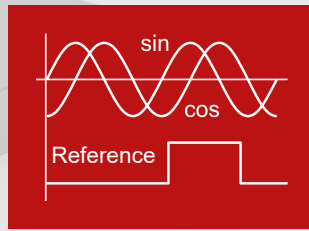
Module 0.4 or 1.0

Signals

TTL



1V<sub>pp</sub>



digital

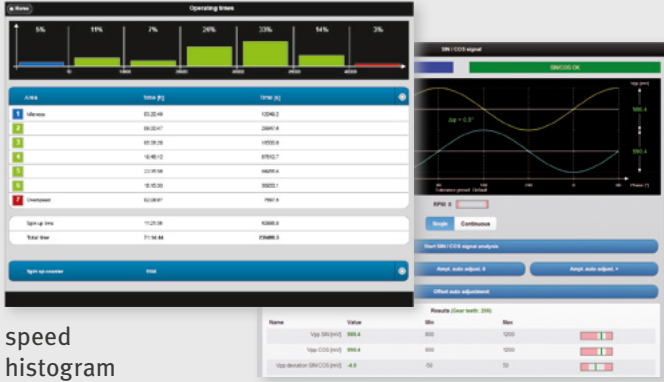


Service and Commissioning

GEL 211CS0



Testing and programming unit



speed histogram