

... MiniCODER GEL 2444 / 2449

for modern machine tools

Successfully used in:

- Milling spindles and grinding spindles
- Turning spindles
- Tool turrets
- Machining spindles in lathes
- Multiple spindle automatic lathes

Together we find the ideal sensor solution for your machine!

MiniCODER

Acquiring rotational speed and position precisely, reliably, efficiently and perfectly suited

- 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.
- Perfectly suited
Serial protocols provide the ideal signals for many control systems such as Mitsubishi M800/M80/E80/C80 CNC series. In addition, warnings and alarms are configurable. Further interfaces will follow.
- We will be happy to assist you in selecting the best suited sensor for your application. Please contact us!

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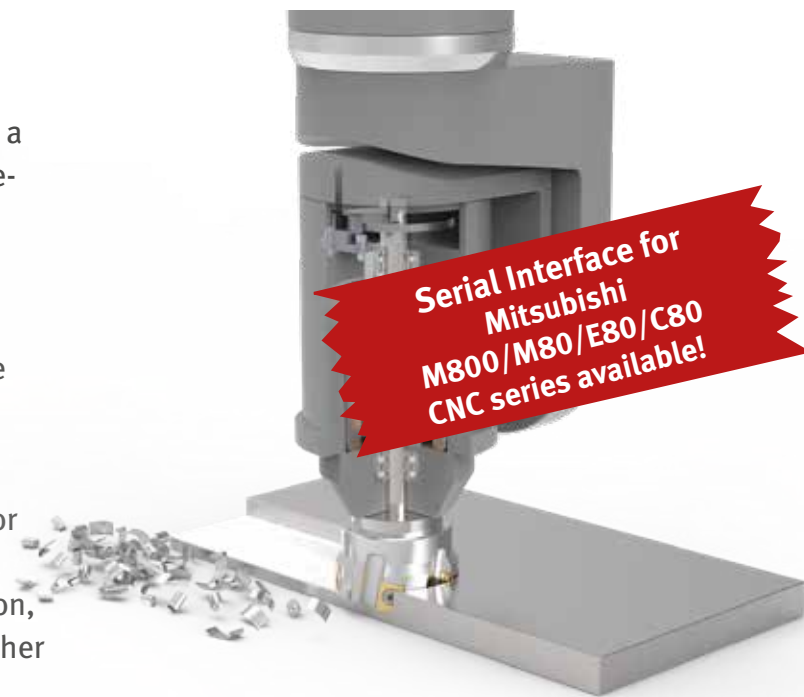


Partner of



MiniCODER – GEL 2444 / GEL 2449

The forward-looking solution for intelligent spindle and drive systems



GEL 2444 / GEL 2449
Rotational speeds
up to 100.000 min⁻¹



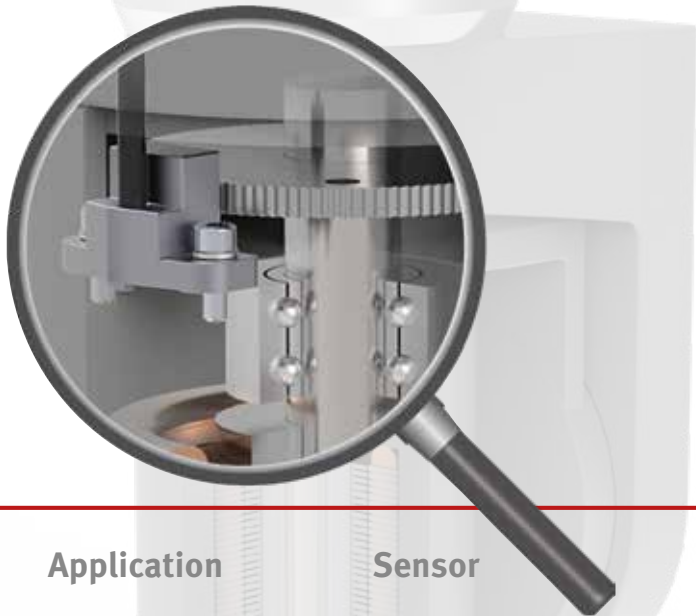
GEL 2444 / 2449
Position with an accuracy
up to 15 arcseconds

06-2020

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Profit from our ...

... intelligent and interactive MiniCODER platform



- Maintenance and wear-free
- Low temperature drift and high signal quality
- Quick commissioning of the configurable MiniCODER in the assembled state using the testing and programming unit without the need to open the spindle



- Stored speed histogram enables analysis of operating conditions
- Increased signal accuracy due to optimisation of the sensor signals if necessary
- sin/cos signals checked in accordance with Safety Integrated using Siemens Sinumerik

Toothed wheel	Application	Sensor	Signals	Connector/ Control
<p>any outside diameter</p>	<p>Rotational speed</p>	<p>GEL 2444</p> <p>Modul 0.3 or 0.5</p>	<p>Analogue</p>	<p>Siemens</p>
	<p>Temperature</p>	<p>GEL 2449</p> <p>Modul 0.4 or 1.0</p>	<p>Analogue</p>	<p>Mitsubishi</p>
	<p>Position</p>		<p>Digital</p>	<p>Fanuc</p>