*For DR.. modular motor system*

**SEW-EURODRIVE unveils its own, high-resolution built-in encoders**

**Bruchsal, Hannover Messe 2018: SEW-EURODRIVE is unveiling its new, high-resolution, incremental EI8C and EI8R built-in encoders for its DR.. modular motor system.**

Encoder systems are used in applications where position detection plays a key role. With its new, high-resolution EI8C and EI8R built-in encoders, SEW-EURODRIVE is offering incremental encoders with a resolution of 1024 increments per revolution for its DR.. modular motor system. The encoders deliver a solution that does not add to the motor length – a fact that is particularly welcome where installation space is at a premium. As there are no moving parts, the encoders are completely wear-free.

The encoders are available with HTL (EI8C) and TTL (EI8R) interfaces and save space by being integrated between the B-side endshield and fan wheel. They are available for all asynchronous motors up to 11 kW and can be either selected directly when ordering or retrofitted.

The encoders are connected via a terminal strip in the motor terminal box or via an M23 connector. The motor's temperature sensor can be included in the encoder cable itself, so no additional cable is required. Thanks to the IP66 degree of protection, the encoders can also be used with ease in more demanding environments.

As the high-resolution encoders have been developed and manufactured entirely by SEW-EURODRIVE, customers once again benefit from a complete, single-source solution for their positioning tasks without having to rely on other suppliers.

**Key word for reader questions: EI8C-EI8R**

**This press release includes the "built-in encoder" image.**

**You can also find this press release at** [sew-eurodrive**.**de/press](https://www.sew-eurodrive.de/company/newsroom_press/press/press.html)

**Valid until: April 1, 2019   
Please contact us prior to publication after this date.**

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| **Contact for editors:**  **SEW-EURODRIVE GmbH & Co KG**  Market Management  Ernst-Blickle-Strasse 42  76646 Bruchsal, Germany  <http://www.sew-eurodrive.de>  Mr. Gunthart Mau  Trade Press Officer  Tel.: +49 (0)7251 75-2588  Fax: +49 (0)7251 75-502588  [gunthart.mau@sew-eurodrive.de](mailto:gunthart.mau@sew-eurodrive.de) | **Submit reader questions to:**  **SEW-EURODRIVE GmbH & Co KG**  Media and Public Relations  Ernst-Blickle-Strasse 42  76646 Bruchsal, Germany  <http://www.sew-eurodrive.de>  Tel.: +49 (0)7251 75-0  [sew@sew-eurodrive.de](mailto:sew@sew-eurodrive.de) |
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