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*Press release*

**Compact External Rotor Motor for Series Applications**

*Feldkirchen, August 24, 2017* - With the DF32, Nanotec has presented a flat and very compact external rotor motor. The eight-pole brushless DC motor with a diameter of 32 mm and a height of 18 mm achieves a rated power of 7.4 W. In addition to the standard winding for 24 V with a rated speed of 2760 rpm, customer-specific windings are also possible for series applications. For this motor, the rotor position feedback is provided by hall sensors.

Using a flat ribbon cable, the DF32 can be quickly and compactly connected to a control board in series with a suitable ZIF socket strip. For test purposes, Nanotec offers an additional adapter board with normal strands.

The DF32 is suitable for a wide range of applications and is an extremely economical solution especially for large series. Compared to other external rotor motors, it particularly stands out due to its high power density.

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***About Nanotec***

*Nanotec Electronic is one of the leading manufacturers of motors and controllers for high-quality drive solutions. Since 1991, the company has been developing and distributing a broad range of products, which are mainly used in industrial automation and medical technology. Nanotec is headquartered in Feldkirchen near Munich and has subsidiaries in ChangZhou, China, and Stoneham/MA, USA.*