# PRESS RELEASE

**Würth Elektronik expands wireless power coil portfolio**

**Charging function and NFC in one**

Waldenburg (Germany), January 27, 2022—With WE-WPCC WPT/NFC, a particularly innovative solution from Würth Elektronik stands out from the extensive portfolio of coils for wireless power transmission: Wireless Power Coil with integrated NFC antenna. This range has now been expanded to five models, with receiver coils for transmission powers of up to 30, 40 and 50 watts, and transmitters for 100 and 120 watts. The transmitters can be used according to the Qi (5 W and 15 W) and Air Fuel Alliance standards for charging consumer electronics such as smartphones, smartwatches, wearables, digital cameras or tablets, while also transmitting data for identification or payment applications. Würth Elektronik at the same time enables the use in proprietary industrial solutions with higher performance.

Wireless power transmission is particularly interesting when mobile devices are to be encapsulated - for example in medical technology. For this reason, the wireless power coils are designed so that they can also be used outside the both above-mentioned standards for consumer electronics. While Würth Elektronik had already introduced a method for transmitting small amounts of data with the inductive field modulation technique, this solution now offers the possibility of transferring data rates of up to 848 kbit/s by combining it with an NFC antenna.

The coils are very efficient at transmitting energy thanks to litz wire and high-quality ferrite material. The high permeability of the shielding concentrates the magnetic field and protects sensitive electronics or batteries from interference signals.

The new wireless power coils with NFC antenna are now available from stock with no minimum order quantity. Free samples can be requested. Numerous instructions and tutorials are available on the [product family websites](https://www.we-online.com/catalog/en/WE-WPCC_COMBINATION_COILS).

**Available images**

The following images can be downloaded from the Internet in printable quality: <https://kk.htcm.de/press-releases/wuerth/>

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| Image source: Würth Elektronik **WE-WPCC WPT/NFC: Charging function and NFC combined** |

About the Würth Elektronik eiSos Group

Würth Elektronik eiSos Group is a manufacturer of electronic and electromechanical components for the electronics industry and a technology company that spearheads pioneering electronic solutions. Würth Elektronik eiSos is one of the largest European manufacturers of passive components and is active in 50 countries. Production sites in Europe, Asia and North America supply a growing number of customers worldwide.

The product range includes EMC components, inductors, transformers, RF components, varistors, capacitors, resistors, quartz crystals, oscillators, power modules, Wireless Power Transfer, LEDs, sensors, connectors, power supply elements, switches, push-buttons, connection technology, fuse holders and solutions for wireless data transmission.

The unrivaled service orientation of the company is characterized by the availability of all catalog components from stock without minimum order quantity, free samples and extensive support through technical sales staff and selection tools.

Würth Elektronik is part of the Würth Group, the world market leader for assembly and fastening technology. The company employs 7,300 staff and generated sales of 823 million euros in 2020.

Würth Elektronik: more than you expect!

Further information at www.we-online.com

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