

PRESS RELEASE

AT18003C

04/04/2023

For Immediate Use

Bosch Rexroth's NEXO nutrunner provides advanced wireless technology in a production grade tightening solution

Rexroth's NEXO features the latest high-end intelligent tightening technology within a cordless tool that can handle up to 255 different programs



NEXO offers a direct measuring system for accurate torque and angle detection.

Combining economical operation and safety critical tightening capability, Bosch Rexroth's NEXO nutrunner can handle the most demanding applications and is suitable for both large- and small-scale production. Its decentralized intelligence is located directly onboard the tool which enables operation without cable connections or the need for an external controller. By integrating the control of the tightening process, the highest level of reliability is possible - even in wireless dead zones.

The NEXO is durable enough to handle demanding applications such as safety critical use within the automotive industry, yet still accurate enough to safely fulfill sensitive battery cell production. Furthermore, the device's intelligent design can utilize product variables such as a serial number to determine which unique tightening process/recipe to execute based on the model or product variant.

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Users also benefit from simple integration into their existing Wi-Fi network, enabling an easy wireless transfer of tightening results to their servers. The cordless design provides an easy to use, ergonomic solution with a high degree of mobility for use in areas where traditional cabled or air technology is not possible. The integrated high-quality digital sensors for torque and angle provide excellent accuracy, repeatability, durability, and process documentation – no external sensors or hardware required.

NEXO now offers up to 100 Nm maximum torque and a max speed of 880 rpm. All versions are available with a browser-based operating system and an optional barcode scanner. All NEXO are capable of class A tightening (safety critical) in accordance with VDI/VDE2862 and supports both 2.4 and 5 GHz WIFI networks.

For more information, visit [here](#).

About Bosch Rexroth:

As one of the world's leading suppliers of drive and control technologies, Bosch Rexroth ensures efficient, powerful and safe movement in machines and systems of any size. The company bundles global application experience in the market segments of Mobile Applications, Machinery Applications and Engineering, and Factory Automation. With its intelligent components, customized system solutions and services, Bosch Rexroth is creating the necessary environment for fully connected applications. Bosch Rexroth offers its customers hydraulics, electric drive and control technology, gear technology and linear motion and assembly technology, including software and interfaces to the Internet of Things. With locations in over 80 countries, more than 31,000 associates generated sales revenue of around 6.2 billion euros in 2021.

To learn more, please visit www.boschrexroth.com

The Bosch Group is a leading global supplier of technology and services. It employs roughly 420,000 associates worldwide (as of December 31, 2022). According to preliminary figures, the company generated sales of 88.4 billion euros in 2022. Its operations are divided into four business sectors: Mobility Solutions, Industrial Technology, Consumer Goods, and Energy and Building Technology. As a leading IoT provider, Bosch offers innovative solutions for smart homes, Industry 4.0, and connected mobility. Bosch is pursuing a vision of mobility that is sustainable, safe, and exciting. It uses its expertise in sensor technology, software, and services, as well as its own IoT cloud, to offer its customers connected, cross-domain solutions from a single source. The Bosch Group's strategic objective is to facilitate connected living with products and solutions that either contain artificial intelligence (AI) or have been

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developed or manufactured with its help. Bosch improves quality of life worldwide with products and services that are innovative and spark enthusiasm. In short, Bosch creates technology that is “Invented for life.” The Bosch Group comprises Robert Bosch GmbH and its roughly 440 subsidiary and regional companies in some 60 countries. Including sales and service partners, Bosch’s global manufacturing, engineering, and sales network covers nearly every country in the world. With its more than 400 locations worldwide, the Bosch Group has been carbon neutral since the first quarter of 2020. The basis for the company’s future growth is its innovative strength. At 128 locations across the globe, Bosch employs some 85,000 associates in research and development, of which nearly 44,000 are software engineers.

Additional information is available online at www.bosch.com, www.iot.bosch.com, www.bosch-press.com, www.twitter.com/BoschPress.

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