



# Novelties II / 2022

syskomp group

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# GF-ION-EXAConnect 3.0

## Quality and quantity

The perfect combination to ensure your quality consists of GF-ION-(ANGLE)-EXACT cordless screwdrivers and the control unit GF-ION-EXAConnect.

- The GF-ION-EXAConnect control unit gives your commands directly to the EXACT screwdrivers.
- The work progress is stored in real time.
- The system can communicate with external devices such as barcode scanners, process computers or PLCs and receive the corresponding commands.
- Program your system according to your requirements. Tailored to the workpiece, the screw and / or the number of screw connections.
- Count individual screw connections or the entire screwdriving task.

### Keep control over your your screw connections

#### Experience assembly quality in a new way

Identify cross-threading on screws or even the absence of a screw. Support your employees and never forget a connection again.

Keep track of the battery status, whether the screw has been tightened properly or whether the tool is locked, unlocked or out of range

The GF-ION-EXACT-Connect system collects and reports all data.

Be on the safe side and your assembly process will always run perfectly.



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# New version 3.0

## New design and new advantages

### Housing

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The new housing is more compact and lighter and weighs only 4 kg.

### Size

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More powerful product - smaller packaging.

60 mm have been saved in width and height. In depth, too, an impressive 20 mm.

This means that the control unit takes up less space and still has a large number of interfaces - including an optional, internal IO board with screw terminals for connection to a PLC, for example.

### Assembly

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Thanks to the quick-mount plate, mounting is now even easier:

Simply screw it to the VESA mount and then slide on the housing

and secure the housing. Due to the low weight, the assembly can be performed effortlessly

Reliable quality,  
combined with extensive effectiveness



# GF-ION-EXAConnect 3.0: Developed to advance your Monitoring your assembly line starts here

## Multi-channel management

Up to 4 tools can be managed with the control unit.

## Your link

The link between your process network and the connected GF-ION cordless screwdriver (WLAN).

## Touchscreen

Fast and targeted input due to short response times.

## Housing

Optimum protection thanks to a robust metal housing.



# our progress



## WLAN

The control unit for WLAN (2.4 - 5.8 GHz), Channels individually selectable.

## USB port

Externally accessible USB port for quick configuration and updates. Access for operation remains secure.

## Minimum space required

Thanks to its small volume of  $\sim 8.5 \text{ dm}^3$ , the GF-ION-EXAConnect 3.0 requires less space and can therefore be installed in many environments.

## Flexibility

- Solution for multiple cordless tools
- One connection to the in-house system
- Compatible with all GF-ION cordless screwdrivers

## Deployment

- Quick and easy tool pairing
- Fast transfer of data and settings from one control unit to another using the backup memory (RIM)
- Thanks to the simple pairing procedure, there is no risk of errors in the network settings.

## Productivity

- Data integrity
- Bidirectional real-time exchange - each screwdriver knows exactly what to do and when to do it
- Optimisation of the screwing process
- Full process monitoring with additional accessories

# This combination is unbeatable Keep the overview





## Advantages

- Simple configuration of the screwdriver on the PC
- Controlling as well as counting function and screwdriver status incl. wireless transmission (WLAN)
- Adjustable screwdriver strategies
- Parallel operation of 4 screwdrivers without any problems
- No interfering cables or hoses
- Cost-efficient - use of the familiar cordless screwdriving technology, existing charging technology and accessories

## Parametrisation

- The GF-ION-EXACT 18V-LI WLAN can be connected to a PC via USB cable and set up using two configurators.
- The screwing stages are activated individually with the original BOSCH EXACT Configurator
- The parameters include the screwing direction, speed, time or revolutions
- The settings required for the WLAN connection are set via the GF-ION configurator

## Features

- Adjustable repeat protection and double hit detection
- Adjustable multi-stage screwing
- Screwing to the left with OK signal possible
- Connection to database, identification and conveyor systems as well as to the existing WLAN infrastructure possible
- Visualisation of screwdriver, battery, connection and release status via LEDs on screwdriver and PC
- Adaptive communication between PC and higher-level control possible
- On request, customer-specific data protocols can be created and stored on the PC
- Changing the battery without loss of connection and data (max. 25 sec.)

# Contact us

Wherever you need us, we are there for you

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