

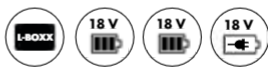
iBIRD® PRO C

The newest member of the Bird Pro Series with setting process monitoring – it safeguards processes reliably and without cords!

NEW



No. 168 0647



TECHNICAL DATA

Connection: WiFi 2.4/5.0 GHz and
Bluetooth
Setting force: 15,000 N
Weight: 2.2 kg with battery (2.0 Ah)
Drive: 18 V brushless DC motor (BLDC)
Stroke: 25 mm

SCOPE OF DELIVERY

Nosepieces: 17/32, 17/36, 17/40 and 17/45

WORKING RANGE

Blind rivets up to Ø 6.4 mm all materials (except high-strength blind rivets) and BULB-TITE®-blind rivets up to Ø 7.7 mm all materials (max. mandrel Ø 4.3 mm)

INDUSTRY 4.0 WITH THE iBIRD® PRO C

Industry 4.0, M2M or also IoT, refers to intelligent and digitally-networked systems within the manufacturing sector. The objective is controlled and safe processes.

The iBird® Pro C connects via WiFi with the new GESIPA® Interface 4.0 which can be used for full control of the device. The data from the setting process is seamlessly integrated within the process environment of the customer, and vice versa: the customer's process environment controls the device (release, selection of profiles, etc.). Parameters can be set centrally.



Connected with the new GESIPA® Interface 4.0!



The result of the setting process is displayed both on the Andon ring as well as on the display of the device. Different colours of the Andon ring are used for example to show the status of communication or operation. The display on the iBird® Pro C also shows error messages.

Since unlike pneumatic setting devices, neither hoses or cables are in the way, the uses of the iBird® Pro C are very flexible, and it is particularly suitable for areas which are difficult to access (e.g. within body-work).

iBird Pro® C – The blind rivet setting tool with setting process monitoring

INTERFACE 4.0 – FOR CONNECTION TO EXTERNAL CONTROL

The process data is stored on the interface in a database for later evaluation. Using an SSD, the number of datasets is virtually unlimited. The interface also stores error messages (internal and from the iBird® Pro C).

The new features are:

- 2 x Ethernet interfaces, router functions
- 1 x USB and 1 x USB-OTG
- Screen connection, graphic output via DVI
- Wi-Fi, as access point and as client, Wi-Fi router function
- Local OLED display to show status and error messages
- M.2 SSD interface, the module can be retrofitted with an SSD (large databases)
- PCIe connector for Hilscher netJACK modules (i.e. direct connection to industrial buses such as PROFINET, SERCOS and EtherCAT possible)



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Special accessories
Interface 4.0 for iBird® Pro C
on **page 126.**



ADVANTAGES iBIRD® PRO C

- Process reliability via setting process monitoring
- Force/displacement diagram (force measurement with DMS sensor)
- Optionally with up to 3 analysis windows (Wintech)
- Optional contact monitoring possible
- Seamless process documentation (Database)
- Status and errors available in the network for maintenance purposes
- Quality control takes place during production
- Brushless motor, therefore extremely fast and virtually wear-free
- Flexible applications

