

Application Description

Retrofit – Easy installation of discharging bars

In many production processes, electrostatic charges often build up on non-conductive materials such as films, nonwovens or paper due to charge separation. These charges can significantly disrupt production processes and lead to contamination problems, which ultimately result in quality problems.

The **iONstream 4.0** discharging bar offer advanced technology to specifically address the problem of electrostatic charging. Thanks to their high efficiency and the AUTO DC Technology® system, they enable a reliable reduction of these charges, which has a positive effect on the quality and cleanliness of the materials produced.

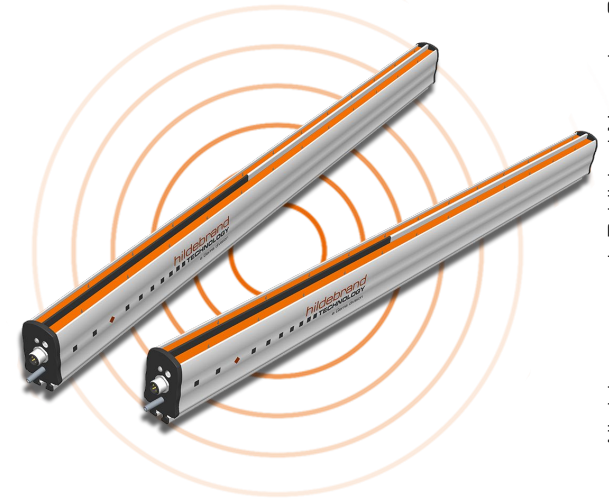
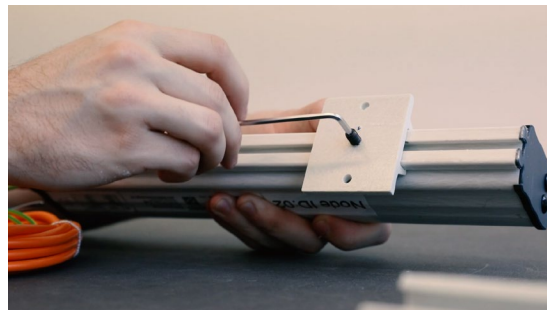
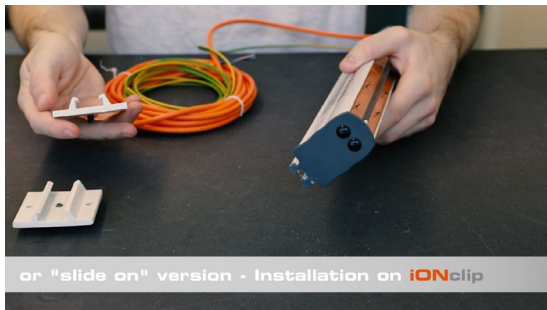
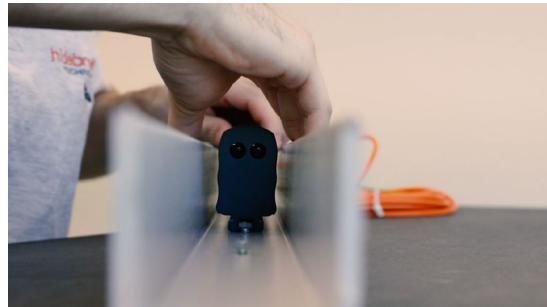
High reduction of electrostatic charge

Uninterrupted production without unwanted build-up

Substrate damage due to unwanted discharges is avoided

Application Description

Simple and quick, even retrofitting installation of our **iONstream 4.0** discharging bars into the existing customer system is possible using **iONclip** or **iONmount**. All necessary step files can be provided. Working widths from 320mm to 12,000mm are realizable.

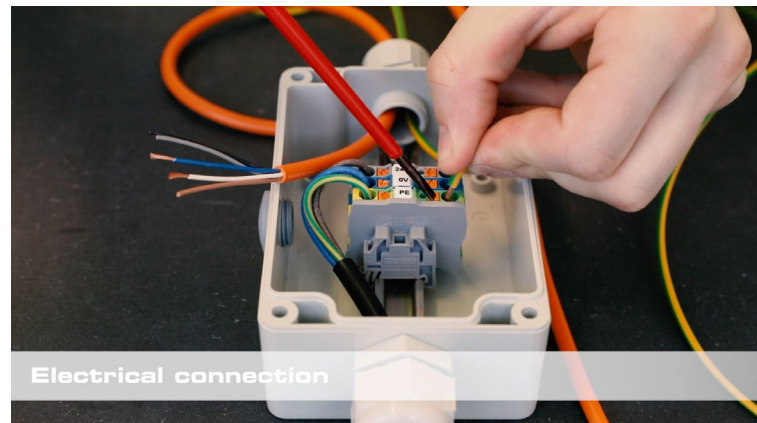


Application Description

The **iONstream 4.0** bar is ready for immediate use, and has the following advantages for the users:

- ✓ **Extremely high active power**
- ✓ **AUTO DC Technology® up to 100 Hz**
- ✓ **24V DC supply, all components and high-voltage generator integrated in the bar**
- ✓ **Network-compatible thanks to CANbus**
- ✓ **Plug & Play**

After the mechanical installation, the electrical installation is quick and easy!



Quick and easy installation of **iONstream 4.0**!

[See](#) and be amazed how fast it is for any operator to use the intelligent electrostatic deionization bar.

Application Description

With an **iONstream 4.0** installed, the user has further possibilities to use additional equipment within production plant and the following **advantages**:

- Network-compatible thanks to CANbus
- 100% process control with data acquisition of system parameters
- Optional TQM Static Sensor for logging the remaining charge
- Data visualisation via **iONcontrol** Touch Panel
- Data transfer via WLAN, OPC and any fieldbus possible
- Ex electrodes and field strength sensor can be integrated in the same network
- Touch-proof in accordance with EN 60335
- ATEX II 2G IIB T6 und II 2D IIIB T85 °C
Certification number PTB 16 ATEX 5007 X

We look forward to hearing from you:

[Contact - Hildebrand Technology \(hildebrand-technology.com\)](http://hildebrand-technology.com)

