wieland

JULY 2019 **PRESS** RELEASE

WIELAND SUPPLIES POWER BUS SYSTEM FOR NEW BEIJING DAXING AIRPORT IN CHINA

BAGGAGE SORTING SYSTEM AT THE NEW AIRPORT WILL BE SUPPLIED WITH ENERGY DECENTRALLY USING WIELAND'S PODIS® FLAT CABLE SYSTEM

Some 50 kilometers south of the center of Beijing, work is ongoing on the first phase of the construction of Beijing Daxing International Airport, which is set to be completed this fall with a capacity of 45 million passengers per year. When the final phase of the construction has been completed, the airport will have eight runways and the ability to accommodate up to 130 million passengers. With such a high number of travelers, the demands on the baggage sorting operation will be high. Its automation is in the hands of Civil Aviation Logistics Technology (CALTCO), a subsidiary of the Civil Aviation Group. The Chinese equipment supplier is keen to implement a solution for distributing energy to the baggage sorting system that is as easy as possible to install and requires little maintenance, and that is why it opted for the podis® power bus system from Wieland Electric.

With its long-standing experience and numerous international references in airport logistics, Wieland was again able to convince those responsible for this particular project of the advantages of the flat cable system. With the decentralized approach, the electrical supply is easy, quick, and safe to install in a highly structured manner, which is especially suited to expansive systems. Some 31 kilometers of podis® 7G4 flat cable, 750 distribution modules, and 5,700 connection modules will be used for the baggage sorting system at Beijing Daxing Airport. Compared with conventional plumbing and wiring systems, Wieland's modular power bus system enables not only flexible cabling but also extremely short installation and commissioning times with savings of 70 percent on time and 30 percent on costs. This is thanks to the industrially prefabricated and tested components, which are simply plugged together on-site.

What is more, the podis® power bus also renders the operation of systems virtually maintenance-free. Connection is established using insulation-piercing contacts. Once installed, this type of connection is maintenance-free for the entire life of the system. Due to the system concept, taps can be positioned without making any mistakes, removing the need for further checks. So, in addition to the considerable savings during installation, this also means further savings on labor, time, and costs. Thanks to its

international certifications, the flat cable system is ideal for use worldwide and meets all the requirements here in terms of product and assembly approvals.

IMAGE MATERIAL

At Beijing Daxing Airport in China, the electrical installation for the baggage sorting system will be realized in a decentralized manner using the podis® power bus system from Wieland Electric.

Wieland's podis® power bus system offers a time saving of up to 70 percent in installation and commissioning compared with conventional methods.

ABOUT WIELAND ELECTRIC

Wieland Electric, founded in Bamberg in 1910, is the inventor of safe electrical connection technology. Today, the family-owned company is one of the leading suppliers of safety and automation technology and has been the global market leader in the field of pluggable electrical installations for building technology for over 30 years.

Wieland Electric assists customers with on-site support all over the world as a capable service partner and solution provider. This is possible thanks to around 1,600 employees and subsidiaries as well as sales organizations in over 70 countries. In addition to Wieland Electric GmbH, STOCKO Contact GmbH & Co. KG has belonged to Wieland Holding since 1998.

The core industries of the company are mechanical engineering, wind power, and building and lighting technology. The broad portfolio includes components, products, and solutions for electrical installation, connection technology, power distribution, safety technology, and the control cabinet. In addition, Wieland Electric offers an extensive service and training program. With cross-industry experience, great product diversity, and numerous service offerings, the company has consistently developed from a component supplier into a solution provider in recent years.

YOUR PRESS CONTACT

WIELAND ELECTRIC GMBH
Marketing Communication
Brennerstraße 10 – 14
96052 Bamberg · Germany

E-mail: communications@wieland-electric.com
Internet: www.wieland-electric.com