

Press Message

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Pilz at SPS Connect 2020 - New types of control unit PITgatebox for greater flexibility when operating safety gates - Safe, secure operation

Ostfildern, 13.01.2021 - In its "Operating and monitoring" product area Pilz offers eleven new types of the control unit PITgatebox, which can be used for simple operation of safety gate switches and systems. The types with integrated reader unit PITreader also combine safety with industrial security by enabling intuitive control of access permissions.

The control unit PITgatebox is now available in a total of 15 pre-configured types, which offer various combination options comprising pushbuttons, switches, emergency stop pushbuttons and the reader unit PITreader for user authentication. As a result, users can be flexible in implementing their individual safety gate application, in packaging, robotics, factory automation or woodworking for example. PITgatebox enables simple operation of safety gate switches or systems, but operators can also execute commands such as activate, stop or reset plant or machinery intuitively at the touch of a button.

Robust design for reliable operation

All types of PITgatebox consist of a high quality die-cast zinc metal housing with IP65 protection type, which is resistant to shock, vibration and collision and so offers high availability. Appropriate accessories for the control elements are also available. Thanks to the slimline design, the control unit can be installed quickly and easily on standard profile systems. A 12-pin M12 connection and rotatable end caps ensure a simple, flexible installation with little wiring effort. As a result PITgatebox is ready to use quickly.

Manage safety and industrial security together

To enable simple control of access permissions via PITgatebox, Pilz also offers two types with integrated reader unit PITreader. Users obtain individual permission for access to the plant or machine on a coded RFID key, which they use to authenticate themselves on the safety gate: the key is read in PITreader and, with the appropriate permission, access is granted. Commands such as machine stop, unlock, lock or reset machine can also be controlled based on successful authentication. As only authorised persons gain access, the machine is protected against misuse or manipulation and downtimes are reduced.

Modular system for safety gate guarding

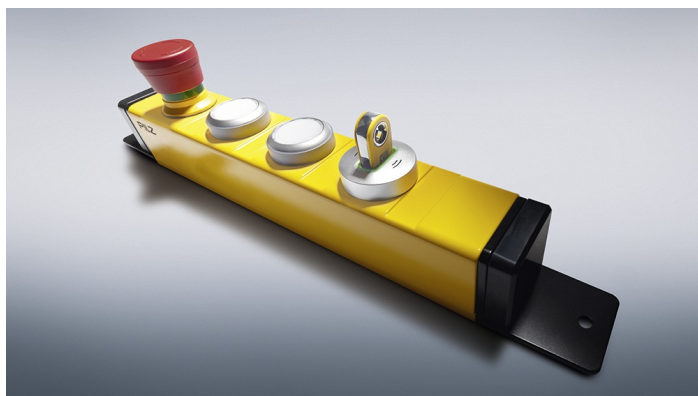
If the new types of the control unit PITgatebox are combined with the [safety gate systems](#) PSENmlock or PSENslock and the [configurable small controller PNOZmulti 2](#) from Pilz, users have a complete solution for simple safety gate operation, tailored to meet their individual needs.

Further information on the product at:

www.pilz.com/pitgatebox

Pilz at SPS Connect: Further information at:

www.pilz.com/de-DE/sps



Caption: The new types of the control unit PITgatebox offer users not just simple operation, but high flexibility for implementing their safety gate application. The type with integrated access permission system offers additional benefits. (Photo: Pilz GmbH & Co. KG)

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The Pilz Group

The Pilz Group is a global supplier of products, systems and services for automation technology. Based in Ostfildern, near Stuttgart, the family-run company employs around 2,500 people. With 42 subsidiaries and branches around the world, Pilz supplies safe solutions for people, machinery and the environment. The technology leader offers complete automation solutions comprising sensors as well as control and drive technology - including systems for industrial communication, diagnostics and visualisation. Consulting, engineering and training round off its international range of services. In addition to mechanical and plant engineering, solutions from Pilz are used in many sectors such as wind energy, railway technology and robotics.

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