Press Message

Configurable small controller PNOZmulti 2 with new functions for safety and industrial security / Pilz at the Hannover Messe 2020 (Hall 9, Stand D 17) - Systematically safe and secure!

Ostfildern, 25.02.2020 - **When it comes to selecting the operating mode and managing access permissions, the safe configurable small controller PNOZmulti 2 can now tackle additional tasks related to industrial security and machinery safety: as a system solution, PNOZmulti 2 works in conjunction with the reader unit PITreader from the operating mode selection and access permission system PITmode to enable comprehensive access control and functionally safe operating mode selection. It is available from Version 10.12 of the corresponding software tool PNOZmulti Configurator.**

The system solution comprises a small controller with operating mode selection and access permission system and ensures that production processes on machines are safe, efficient and user-friendly in equal measure.

Manage access safely and more economically
PNOZmulti 2 provides efficient access management in conjunction with the reader unit PITreader from the operating mode selection and access permission system PITmode. A new feature is the connection of up to four reader units PITreader to the base unit PNOZ m B1 of the small controller PNOZmulti 2. As a result, even interlinked machines can now be managed safely. This represents an economical solution, as it minimises the hardware cost. The options for this extended system solution range from simple enable and authentication of specific machine subfunctions to a complex hierarchical permission matrix. The result is user-friendly configuration of access permissions with a high level of manipulation protection. This simplifies manipulation management, plus users benefit from fewer machine downtimes.

Trouble-free operating mode selection

Using function blocks in conjunction with PITreader it is simple to configure safe operating mode selection on plant and machinery up to PL d / SIL CL 2. A new features is that you can choose between two convenient application solutions for safe operating mode selection – either via pushbutton or touch panel. On both types, permission to select an operating mode is granted via the reader unit PITreader and appropriately configured RFID keys.

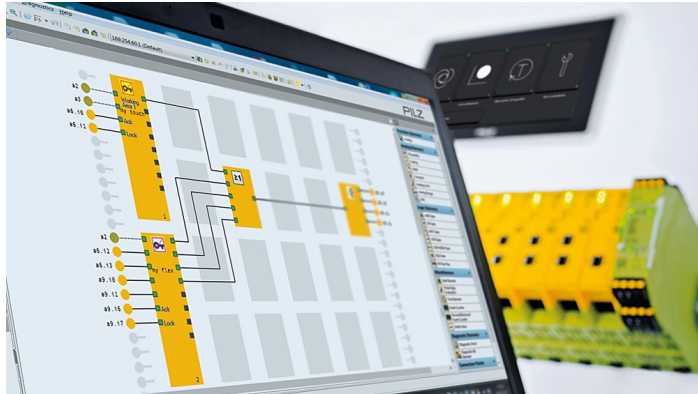**Option 1: Space and hardware-efficient**

When you select the operating mode via pushbutton you can use standard pushbuttons. The new multi-button element PIT oe4S from Pilz offers users added value: it includes up to five operating modes. These can be selected separately via the four individual buttons available on the multi-button element. This space-saving solution can be integrated into the operator panel so that no further individual buttons are required. On this type, safety-related evaluation of the operating mode is via PNOZmulti 2. This type is generally an economical alternative, as it involves no further costs for additional visualisation hardware.

Option 2: For distributed plants

Alternatively, when users need to keep their plant in full view, safe operating mode selection can be implemented via the operator and visualisation terminals PMIvisu from Pilz. This touch panel version is particularly beneficial on distributed plants with multiple work areas that are far apart.

Pilz is exhibiting in Hall 9, Stand D17. Further information can be found here

Further information about the configurable small controller PNOZmulti 2 can be found here

Caption: *A new feature of the safe configurable small controller PNOZmulti 2 from Pilz is that it can now tackle not only machinery safety tasks (safety), but also access control tasks (industrial security). (Photo: Pilz GmbH & Co. KG)*

You can find texts and images at www.pilz.com also for downloading. To go directly to the relevant internet pages in the press centre, enter the following Web code in the search of the home page.: **215598**

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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