

## PRODUCT NEWS

### Pilz discontinues PNOZ Classic range of safety relays

**Pilz Automation Technology is no longer supplying PNOZ Classic safety relays, but there is information and support available for customers switching to PNOZsigma relays (pictured right).**



Pilz PNOZ Classic safety relays were the first such products on the market in 1987 and were quickly adopted by many companies as an in-house standard. However, Pilz has since developed the PNOZ X range, the PNOZelog range and, most recently, the slimline and multifunctional PNOZsigma range. With the advance in technology and increasing difficulty in sourcing components, Pilz has now discontinued the Classic range.

To help companies that have machines with PNOZ 1 and PNOZ V Classic relays installed, Pilz has introduced PNOZ 1 and PNOZ V relays in 90mm wide Pilz X range housings. The terminal positions, designations and switching capacities are all identical to those of the original Classic safety relays, making it very straightforward to exchange one for the other.

For customers using other models of PNOZ Classic relay, Pilz has published a document to help the migration to PNOZsigma relays. The first section is a straightforward checklist of PNOZclassic relays and their supply voltages so users can identify which PNOZsigma relays to select as replacements. If an additional PNOZsigma expansion module is required to deliver the same functionality as the Classic relay, the expansion module options are also identified. Interestingly, a quick look at this section highlights the way a small number of

PNOZsigma relays are replacing a very wide range of Classic relays, which will significantly simplify ordering and stockholding for customers.

By far the bulk of the publication is devoted to application examples. These show how the Sigma relays need to be connected in order to replicate the functions performed by the Classic relays. Terminal designations are clearly shown, so users can easily see how to modify their wiring schematics and, in the event of having to replace a relay in an existing control system, rewire the relay itself.

If relays are swapped on a 'like for like' basis during machine repairs, installers should ensure that they comply with the sections of PUWER (Provision and Use of Work Equipment Regulations) relating to control systems. Note that any physical changes to control systems MUST be properly documented.

If further advice or assistance is required, customers can contact the technical support team at Pilz by emailing [support@pilz.co.uk](mailto:support@pilz.co.uk), telephoning 01536 460766 or faxing 01536 460866. Outside office hours, technical support is available by calling 01536 462203.

Please contact Pilz to request a copy of the PNOZclassic-PNOZsigma checklist by emailing [sales@pilz.co.uk](mailto:sales@pilz.co.uk) or telephone 01536 460766.

**-End-**

## **Contact Points for Publication**

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## **Note to editors**

**Pilz Automation Technology** develops, manufactures and supplies process and automation control products for use wherever there is a requirement to ensure the safety of plant, personnel or the environment. Included in the range are: safety relays; configurable safety controllers; programmable safety systems (safety PLCs) for use with or without the SafetyBUS p safe, open industrial fieldbus network; mechanically actuated and non-contact guard switches; safety light curtains; 2D and 3D vision-based safety sensors; emergency stop switches; conventional and touchscreen operator interfaces; plus control and monitoring relays for non-safety applications.

In addition, Pilz provides safety-related services, such as training, engineering, consultancy and competence management. For 20 years Pilz has taken a leading role in educating the market with regard to safety legislation. This has been through seminars on legislation, software packages that assist with standards compliance and product selection, and publications. Pilz has produced six editions of the *Guide to Machinery Safety*, a *Guide to Programmable Safety Systems*, and publishes a free monthly email newsletter

Pilz Automation Technology is a wholly owned subsidiary of Pilz GmbH & Co KG, a family-owned German company with global operations. Since its foundation in 1948, Pilz has remained at the forefront of safety technology, launching the first safety relay the first programmable safety system, the first safe, open fieldbus system (SafetyBUS p), the first solid-state safety 'relay', the first software-configurable modular safety controller, and the first safe camera system for monitoring three-dimensional zones. Future developments will see safety technology being integrated more closely with standard control, such as in servo drives with safety functionality.

*Editors should contact Pilz if they would prefer to receive future press releases electronically or by post.*

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