

## **New diagnostic solution: "Safety Device Diagnostics" from Pilz - Reliable diagnostics!**

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The automation company Pilz is expanding its portfolio to include the diagnostic solution "Safety Device Diagnostics", which comprises a fieldbus module, junction and safe sensor technology PSEN. The new diagnostic solution enables a wide range of sensor data to be called up simply, including over distance. Service operations can be considerably reduced as a result, significantly increasing productivity.

"Safety Device Diagnostics" provides data such as partial operation, voltage spikes and dips, temperature effects, switching cycles, bounce and RFID identification as diagnostic information. All the additional diagnostic data provided by each sensor makes preventive maintenance easier, which in turn keeps downtimes to a minimum.

### **Information how and where you want it**

Simple remote maintenance via web server, for example, is not all. The integrated display on the fieldbus module also ensures that information is available not only on machine monitors but also directly in the control cabinet. The fieldbus module provides a single interface for the plant bus for all connected safety devices, helping to minimise installation work. Third-party devices can also be connected directly via the integrated I/Os.

"Safety Device Diagnostics" is also easily expandable, supporting a modular machine structure. With "Safety Device Diagnostics", the same sensors can be used for the conventional wiring or for Safety Device Diagnostics.

What's more, irrespective of the existing application the decision can be made as to whether Safety Device Diagnostics will be re-used for each individual application. The safety-related structure is always maintained because conventional signal contacts such as the coded safety switch PSENcode slimline design from Pilz are activated for this purpose by the Safety Device Diagnostics fieldbus module.

#### **Faster in series, higher performance when networked**

"Safety Device Diagnostics" also enables fast, simple installation thanks to series field connection. The combination of "Sensor Device Diagnostics" and safety relay PNOZ from Pilz, e.g. PNOZx or PNOZsigma, provides a complete, economical solution.

Further information on the product is available at

<https://www.pilz.com/de-DE/eshop/00103002387129/Safety-Device-Diagnostics>

Pilz is exhibiting at the Hannover Messe in Hall 9, Stand D17 and on the SmartFactory KL stand in Hall 8, Stand D20.

Further information at: [www.pilz.com/de-DE/hannover-messe](http://www.pilz.com/de-DE/hannover-messe) or under webcode web9481.



***Caption:***

You can find texts and images at [www.pilz.com](http://www.pilz.com) also for downloading.  
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### **Pilz in social networks**

In our social media channels we give you background information  
concerning the company and the people at Pilz, and we report on  
current developments in Automation Technology.

### **Contact for journalists**