

New design for Pilz operating mode selector switch PITmode for machine tools - suitable for international use

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The proven operating mode selector switch PITmode from Pilz is now available in a new design, with optional pictograms for machine tools. The use of standard symbols makes it ideal for international use. PITmode provides two functions in one compact unit: safe selection of defined operating modes and access authorisation for the machine.

Defined operating modes are safely detected by the control system: due to self monitoring, PITmode safely switches from one operating mode to another. Five selectable operating modes are possible: automatic mode, setup mode, manual intervention under limited conditions, special mode / process monitoring and service mode. Thanks to the LED display, the currently selected operating mode and the authorisation level can be displayed without fear of manipulation. PITmode can be used for applications up to PL d of EN ISO 13849-1 or SIL CL 2 of EN 62061.

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Authorisations for machine access can also be controlled: Using the coded key, each operator is given access to the machine functions or machine operating modes allocated to him. Individual authorisation levels are selected in the machine control system thanks to the key identification number, which is transmitted on the basis of non-contact RFID technology. As such, PITmode offers a high level of access and manipulation protection due to universal coding.

Pilz is exhibiting in Hall 9, Stand 17. Further information at:

<http://www.pilz.com/de-DE/hannover-messe>

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