



Convenient speed monitoring – Speed monitor PNOZ s30

pilz

As the new Machinery Directive becomes valid, a new requirement in the field of drive monitoring comes to the fore: When the drive is brought to a standstill, the operating status must be safely monitored and maintained. Pilz already provides options for safe speed monitoring. Drive-integrated safety with the PMCprotego DS and external drive monitoring with the PNOZmulti speed module. And now there's the new speed monitor PNOZ s30, which provides safe monitoring of standstill, speed and direction of rotation. So the right speed monitoring solution is available for each application.

Your benefits at a glance

- ▶ Increased productivity and safety for operating personnel thanks to safe monitoring of standstill, speed and direction of rotation
- ▶ Save time during setup and when units are exchanged, thanks to convenient operation via rotary knob (push and turn)
- ▶ Save time during commissioning and when units are exchanged, as parameters are saved on to chip card
- ▶ Productivity is increased by avoiding unnecessary shutdown processes: advance warning is given when a defined warning threshold is reached
- ▶ Suitable for all common motor feedback systems and proximity switches

Available from the 1st quarter of 2010

the spirit of safety

Speed monitor PNOZ s30



PNOZ s30

Technical features

- ▶ Parameters for device functions such as standstill can be freely set and assigned to an output
- ▶ Parameters are entered via rotary knob (push and turn) in conjunction with a monochrome display
- ▶ Set parameters are saved on a chip card
- ▶ Integrated display shows the set limit values/parameters as well as the current speed
- ▶ Tolerances can be freely set for each limit value
- ▶ Optional axis position monitoring is available with the standstill function
- ▶ Advance warning of shutdown when a certain threshold is reached
- ▶ 2 N/O and 2 N/C as output contacts

Universal power supply

24 ... 240 VAC/DC

Safety-related characteristic data

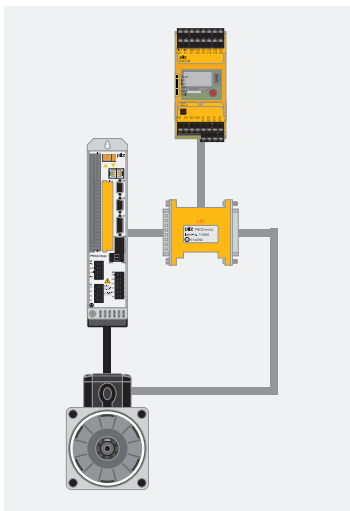
- ▶ Performance Level (PL) in accordance with EN ISO 13849-1, PL e
- ▶ Safety Integrity Level (SIL), CL claim limit in accordance with IEC 62061, SIL 3
- ▶ Category in accordance with EN 954-1, Cat. 3

Dimensions in mm (H x W x D):

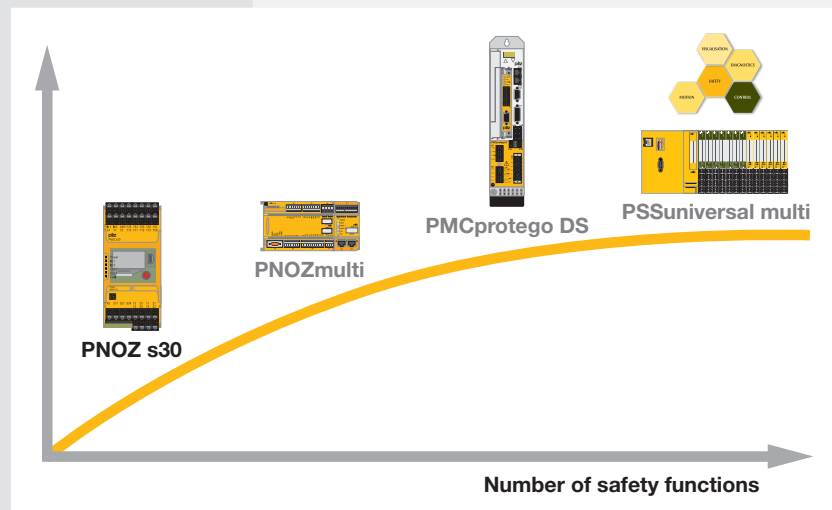
- ▶ 100/98* x 45 x 120
- *Height with spring-loaded terminals/plug-in screw terminals

Order number

- | | |
|--|---------|
| ▶ PNOZ s30
(with plug-in screw terminals) | 750 330 |
| ▶ PNOZ s30
(with spring-loaded terminals) | 751 330 |



Safety with the speed monitor PNOZ s30.



The right speed solution for each application.