

► Safe small controllers PNOZmulti 2 – modular for simple applications

NEW



Do you need to monitor a moderate number of safety functions on your machine? The new base unit PNOZ m B0.1 can be used as a stand-alone or modularly expanded with max. one I/O module. For expansion on the right side, it is possible to select from these I/O modules: PNOZ m EF 16DI or PNOZ m EF 8DI4DO or PNOZ m EF 8DI2DOT or PNOZ m EF 4DI4DOR or PNOZ m EF 4DI4DORD or the new relay output module PNOZ m EF 2DOR. This is a compatible successor to the compact controllers PNOZmulti Mini. Existing PNOZmulti Mini projects can be easily migrated to the PNOZ m B0.1 from Version 11.0 of the software tool PNOZmulti Configurator. To the left, link modules for the connection of decentralized input modules PDP or for the networking of several PNOZmulti 2 systems can be used. Fieldbus modules are used for the connection of a higher level PLC. This results in a cost-optimized system for the safety of your machines.



Your benefits at a glance

- Safe operation through certified hardware and convenient, intuitively operated software tool
- Customized costs: exact adaptation to your application, ideal for small and medium-sized machines
- Cost-effective and sustainable: worldwide safety standard for many automation environments and communication systems
- Just one system from planning to maintenance
- Maximum flexibility: inputs and outputs are freely configurable
- Reduced downtimes thanks to user-friendly diagnostics with plain text display



Configurable safe small controllers PNOZmulti 2 – PNOZ m B0.1 and PNOZ m EF 2DOR



PNOZ m B0.1



PNOZ m EF 2DOR



PNOZmulti Configurator

Technical features

- ▶ PNOZ m B0.1: base unit, can be expanded to the right with one module
 - 20 safe inputs, up to 8 can be configured as auxiliary outputs
 - 4 safe semiconductor outputs, depending on the application up to PL e, SIL CL 3
 - 4 test pulse outputs, up to 4 of which can be configured as standard outputs
 - Right side max. 1 safe expansion module: PNOZ m EF 16DI or PNOZ m EF 8DI4DO or PNOZ m EF 8DI2DOT or PNOZ m EF 4DI4DOR or PNOZ m EF 4DI4DORD or PNOZ m EF 2DOR
 - Left side: max. 4 safe link modules PNOZ m EF Multi Link and/or PDP Link; max. 1 fieldbus module; max. 1 communication module PNOZ m EF ETH or RS232
 - Display with backlighting to indicate the status of the supply voltage and the inputs and outputs
 - Rotary knob for menu control
 - Chip card as storage medium (not supplied with device)
 - Dimensions (H x W x D) in mm: 101.4/98¹⁾ x 45 x 120
- ▶ PNOZ m EF 2DOR: safe relay output module
 - 2 safe relay outputs, depending on the application up to PL e, SIL CL 3
 - Dimensions (H x W x D) in mm: 101.4 x 22.5 x 120
- ▶ Certifications: CE, TÜV, cULus Listed, EAC (Eurasia), KOSHA
- ▶ Can be configured using the software tool PNOZmulti Configurator from Version 11.0

Order number		
	PNOZ m B0.1	772 104
	▶ Plug-in spring-loaded terminals	751 008
	▶ Plug-in screw terminals	750 008
	▶ Mini USB cable	
	- 3 m	312 992
	- 5 m	312 993
	▶ Chip card 8 kByte	
	- 1 piece	779 201
	▶ Chip card 32 kByte	
	- 1 piece	779 211
	PNOZ m EF 2DOR	772 146
	▶ Plug-in spring-loaded terminals	751 004
	▶ Plug-in screw terminals	750 004

¹⁾ Height incl. plug-in spring-loaded terminals/screw terminals

PNOZmulti 2 base units:

Webcode: web2253511

PNOZmulti 2 expansion modules:

Webcode: web225352

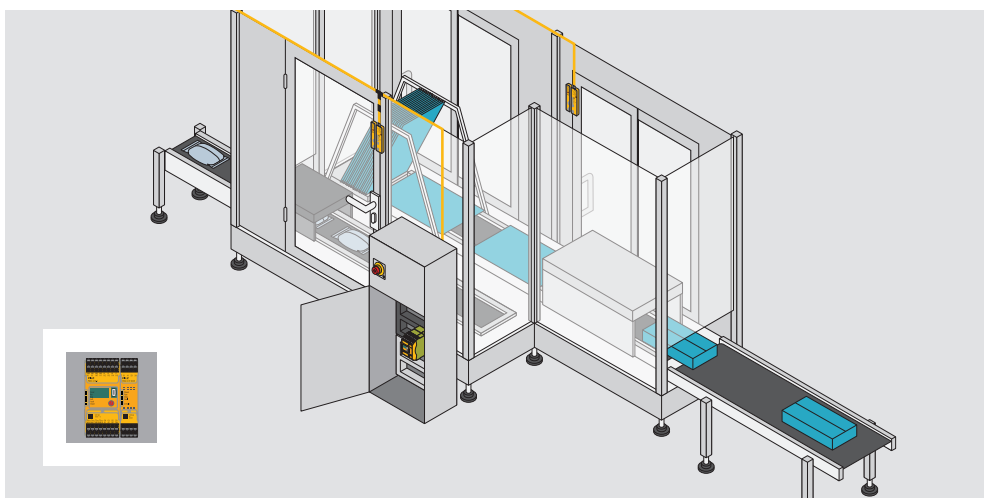
PNOZmulti Configurator:

Webcode: web2253441

Accessories PNOZmulti 2:

Webcode: web87010

Online information at www.pilz.us



By selecting the appropriate expansion modules and thanks to the simple configuration, you can expand your application easily and economically. If your application is larger than planned, it is possible to easily migrate from PNOZ m B0.1 to PNOZ m B0 or B1.