

► Safety relay PNOZcompact

The safety relay is optimised for functionality and can be used in all areas of engineering. In series machine production in particular, the use of the PNOZcompact has many advantages thanks to its concentrated functionality: This allows high-volume projects with a high degree of standardisation to be implemented economically. Choose a PNOZ safety relay – the original and a byword for safety relays.



Square, simple, yellow

You want to safely monitor an E-STOP device, safety gate or light beam device? Is it important to you to save time through simple installation and maintenance? Then we have the right solution for you – the safety relay PNOZcompact.

PNOZ c1 is ideal for monitoring E-STOP devices or safety gates. A block diagram with connection example is printed on the side of the unit and is a great help. PNOZ c2 is predestined for the safe monitoring of type 4 light beam devices, e.g. PSENOpt from Pilz, or sensors with OSSD outputs in accordance with EN 61496-1 with a guaranteed maximum reaction time of 12 ms. You save time through simple installation because the transmitter and receiver are supplied with voltage directly via the evaluation device.

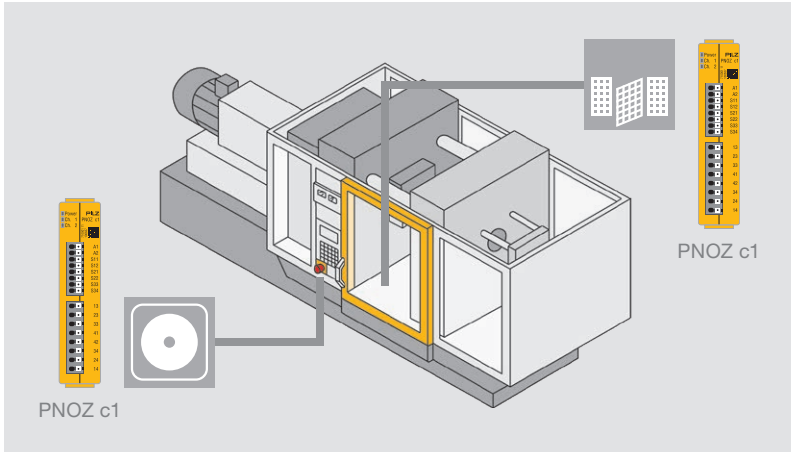


Safety relay PNOZcompact

Common features

- PL e of EN ISO 13849-1, Safety Integrity Level (SIL) CL 3 of EN/IEC 62061
- Supply voltage (U_a): 24 VDC
- LEDs to display operating voltage and switch status
- Spring-loaded terminals fixed on the device

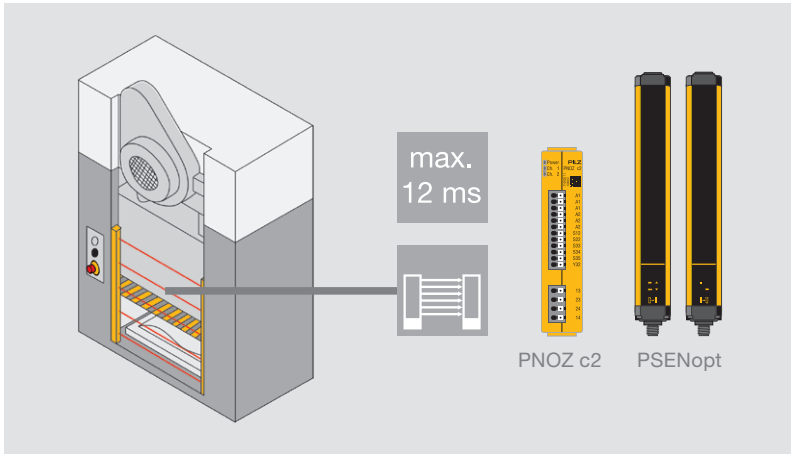
Type	Application area	Dimensions (H x W x D) in mm
PNOZ c1	E-STOP relay and safety gate monitor	105 ¹⁾ x 22.5 x 100
PNOZ c2	For monitoring type 4 light beam devices or sensors with OSSD outputs in accordance with EN 61496-1	105 ¹⁾ x 22.5 x 100



Monitor an E-STOP device or safety gate – in any application – safe, simple, compact. Use one safety relay per safety function.

Your benefits at a glance

- Save space in the control cabinet thanks to the compact design
- Simple installation and maintenance saves you time: push-in spring-loaded terminals fixed on the device, can be connected without the need for tools
- Tool-free assembly: simply attach the device to the top hat rail



Monitor light beam devices, e.g. PSENopt from Pilz, or sensors with OSSD outputs safely, simply and in a compact form. All common light beam devices can also be connected.

Keep up-to-date
on safety relays
PNOZcompact:



Webcode:
web150086

Online information
at www.pilz.com

Features	Certification	Order number
► 3 safety contacts/1 auxiliary contact (3 N/O/1 N/C) ► 2-channel wiring with detection of shorts across contacts ► Manual or automatic start ► STOP category: 0	CE, cULus Listed, EAC (Eurasian), TÜV, CCC	710001
► 2 safety contacts (N/O)/1 semiconductor output ► 2-channel wiring without detection of shorts across contacts ► Monitored or automatic start ► Guaranteed maximum reaction time: 12 ms	CE, cULus Listed, EAC (Eurasian), TÜV, CCC	710002

¹⁾ Height incl. spring clip