



Product Service

EC-Type Examination Certificate

No. M6A 020132 0270 Rev. 01

Holder of Certificate: **Pilz GmbH & Co. KG**

Felix-Wankel-Str. 2
73760 Ostfildern
GERMANY

Product: **Safety components
Safety Relay**

Model(s): **PNOZpower**

Parameters: Power Supply: 24V DC
Protection class: IP20

The report and the user documentation in the current valid revision are mandatory part of this certificate. The product complies with the following safety requirements only if the specifications documented in the currently valid revision of this report are met. The certified components are listed in report PO88764T in the current valid revision.

This EC Type Examination Certificate is issued according to Article 12(3) b or 12(4) a of Council Directive 2006/42/EC relating to machinery. It confirms that the listed Annex-IV equipment complies with the principal protection requirements of the directive. It refers only to the sample submitted to TÜV SÜD Product Service GmbH for testing and certification. For details see: www.tuvsud.com/ps-cert

Test report no.: **PO88763C**

Valid until: 2026-07-07

Date, 2021-07-13

(Claudio Gregorio)

Page 1 of 1

TÜV SÜD Product Service GmbH is Notified Body according to Council Directive 2006/42/EC relating to machinery, notified by publication in the Official Journal of the EC with identification No.0123.

TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany

TÜV®



Product Service

CERTIFICATE

No. Z10 020132 0269 Rev. 01

Holder of Certificate: **Pilz GmbH & Co. KG**
Felix-Wankel-Str. 2
73760 Ostfildern
GERMANY

Certification Mark:



Product: **Safety components
Safety Relay**

Model(s): **PNOZpower**

Parameters: Power Supply: 24V DC
Protection class: IP20

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Tested according to: EN ISO 13849-1:2015 (up to Cat.4 PL e)
EN 62061:2005/A2:2015 (up to SILCL 3)
EN 60947-5-1:2017

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: **PO88763C**
Valid until: 2026-07-07
Date, 2021-07-13

(Claudio Gregorio)



**Liste der Varianten
der Sicherheitsschaltgeräte-Familie
PNOZpower**

**List of variants
of safety relay family
PNOZpower**

Hersteller / Manufacturer:

Pilz GmbH & Co. KG
Felix-Wankel-Straße 2
D-73760 Ostfildern
Germany

Bericht-Nr. / Report no: PO88764T

Revision 1.2
2021-07-12

Prüfstelle / Test body:

TÜV SÜD RAIL GmbH
Rail Automation

Zertifizierungsstelle / Certification body:

TÜV SÜD Product Service GmbH
Ridlerstraße 65
D-80339 München



Inhalt / content:

Seite / Page

1	PNOZpower – Basisgerät / Base unit.....	3
2	PNOZpower – Ansteuermodul / Control module	4
3	PNOZpower – Erweiterungsmodul / Extension module.....	4
4	PNOZpower – Bus-Schnittstelle (Zubehör) / Bus-Interface (accessories).....	5
5	PNOZpower – Netzgerät (Zubehör) / Power supply (accessories).....	5
6	Anmerkung / Comment	5
6.1	Sicherheitskennwerte / Safety characteristics:	5

Änderungshistorie / Change history:

Version	Name	Datum / Date	Änderungen / Changes
1.0	Jens Luther	2016-07-18	Erste Ausgabe / First release
1.1	Jens Luther	2018-06-15	
1.2	Jens Luther	2021-07-12	Rezertifizierung / Re-certification

Änderungen zur Vorgängerversion / Changes to the previous version:

Kapitel Chapter	Type Device	Bemerkung / Remarks
All		Modifikationsbericht hinzugefügt / Modification report added



1 PNOZpower – Basisgerät / Base unit

Typ / Type	Sach-Nr. Order No	Version	Internal Test-Report	Sicherheitsrelevante Strompfade Safety related circuits												Bemerkung / Remark
				Unverzögerte Kontakte Undelayed contacts				Verzögerte Kontakte Delayed contacts tv < 30s				Verzögerte Kontakte Delayed contacts tv > 30s				
				Kontakte Contacts	PFH _D	SIL CL	PL	Kontakte Contacts	PFH _D	SIL CL	PL	Kontakte Contacts	PFH _D	SIL CL	PL	
PNOZ p1p	773300	V3.0	PO88763C	--	$\geq 2,31 \cdot 10^{-09}$	3	e	--	--	--	--	--	--	--	--	--
PNOZ p1vp	773950 773951	V1.0 V1.0	PO88763C	--	$\geq 2,31 \cdot 10^{-09}$	3	e	--	$\geq 2,64 \cdot 10^{-09}$	2	d	--	$\geq 2,87 \cdot 10^{-09}$	1	c	--

2 PNOZpower – Ansteuermodul / Control module

Typ / Type	Sach-Nr. Order No	Version	Internal Test-Report	Sicherheitsrelevante Strompfade Safety related circuits				Bemerkung / Remark
				Kontakte Contacts	PFH _D	SIL CL	PL	
PNOZ pe1p	773900	1.1	PO88763C	--	$\geq 2,31 \cdot 10^{-09}$	3	e	--

3 PNOZpower – Erweiterungsmodul / Extension module

Typ / Type	Sach-Nr. Order No	Version	Internal Test-Report	Sicherheitsrelevante Strompfade Safety related circuits				Bemerkung / Remark
				Kontakte Contacts	PFH _D	SIL CL	PL	
PNOZ po3p	773634	2.0	PO88763C	13 – 14 23 – 24 33 – 34	$\geq 2,31 \cdot 10^{-09}$	3	e	--
PNOZ po3.1p	773630	2.1	PO88763C	13 – 14 23 – 24 33 – 34 43 – 44 53 – 54 63 – 64 73 – 74	$\geq 2,31 \cdot 10^{-09}$	3	e	--
PNOZ po3.2p	773631	2.0	PO88763C	13 – 14 23 – 24 33 – 34 43 – 44	$\geq 2,31 \cdot 10^{-09}$	3	e	--
PNOZ po3.3p	773632	2.1	PO88763C	L1 – T1 L2 – T2 L3 – T3	$\geq 2,31 \cdot 10^{-09}$	3	e	--
PNOZ po4p	773635	2.0	PO88763C	13 – 14 23 – 24 33 – 34	$\geq 2,31 \cdot 10^{-09}$	3	e	--



4 PNOZpower – Bus-Schnittstelle (Zubehör) / Bus-Interface (accessories)

Typ / Type	Sach-Nr. Order No	Version	Internal Test-Report	Bemerkung / Remark
PNOZ pe2p	779125	1.0	PO88763C	--

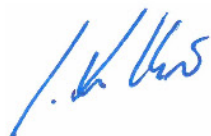

5 PNOZpower – Netzgerät (Zubehör) / Power supply (accessories)

Typ / Type	Sach-Nr. Order No	Version	Internal Test-Report	Bemerkung / Remark
PNOZ pps1p	773200	1.1	PO88763C	--

6 Anmerkung / Comment

6.1 Sicherheitskennwerte / Safety characteristics:

SIL CL:	Safety Integrity Level entsprechend EN IEC 62061 / Safety Integrity Level according EN / IEC 62061
PL:	Performance Level entsprechend EN 13849-1 Performance Level according EN 13849-1.

	Freigabe Prüfstelle: Release by Test Body:	Freigabe Zertifizierstelle: Release by Certification Body:
Datum: Date:	2021-07-12	2021-07-12
Unterschrift: Signature:	 Digitally signed by Jens Luther Date: 2021.07.12 11:22:08 +02'00'	 Digital signiert von Claudio Gregorio Datum: 2021.07.12 15:37:20 +02'00'