



Supply of Machinery (Safety) Regulations 2008 Type Examination Certificate

Certificate number:	UK-MAC000100 i01
Certificate Holder and Manufacturer	PILZ GmbH Felix-Wankel-Str. 2 73760 Ostfildern GERMANY
Relevant Representative	PILZ Automation Ltd Pilz House, Little Colliers Field, Corby Northants, NN18 8TJ United Kingdom
Product(s)	Safety components Safety Relay
Product Type	PNOZpower
Apparatus (inc Variants)	The report PO88763C 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 Type Examination Certificate is issued according to Regulation 11 or 12 of Statutory Instrument 2008 No. 1597 relating to Machinery and in accordance with the TÜV SÜD Testing and Certification Regulations. It confirms that the Technical Documentation File demonstrates that the listed Annex-IV equipment complies with the Essential Health & Safety Requirements of the Regulations.

Signature: _____

Date: _____ 02/06/2023

On behalf of TUV SUD B A B T Unlimited

Valid from: 02/06/2023

(Signature) Matthias Ramold

Expiry Date: 01/06/2028

TUV SUD B A B T Unlimited is appointed as an Approved Body Number 0168 in accordance with Statutory Instrument 2008 No. 1597 for Machinery.

The UKCA marking may be used on the equipment described above, subject to the equipment meeting the requirements of all applicable Regulations.

This Certificate remains valid providing any conditions of validity to the Certificate are complied with. For further details related to this certification please contact babt@tuvsud.com



**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	--



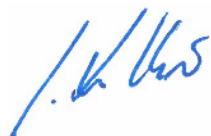

4 PNOZpower – Bus-Schnittstelle (Zubehör) / Bus-Interface (accessories)				
Typ / Type	Sach-Nr. Order No	Version	Internal Test-Report	Bemerkung / Remark
PNOZ pe2p	779125	1.0	PO88763C	--

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'