

► Configurable safe small controllers PNOZmulti 2

Configurable safe small controllers PNOZmulti 2 – expansion modules, connectible on the left



PNOZ m EF PDP Link



PNOZ m EF Multi Link



PNOZ m EF SafetyNET

Type	Application area
PNOZ m EF PDP Link	Safe link module for connecting a base unit to up to 4 decentralised modules PDP67
PNOZ m EF Multi Link	Safe link module for connecting two base units. As many base units as needed can be connected via link modules
PNOZ m EF SafetyNET	Expansion module for safe data exchange between SafetyNET p subscribers via SafetyNET p RTFL
PDP67 F 8DI ION PDP67 F 8DI ION HP	Decentralised input modules

Common features

- Can be configured with the software tool PNOZmulti Configurator
- Status indicators via LEDs

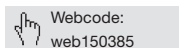
technical details

Features	Certification	Order number		
		Without terminals	Plug-in spring-loaded terminals	Plug-in screw terminals
▶ Maximum number of devices which can be connected: - 4 PDP link modules on the left side of the base unit - 4 decentralised modules PDP67 F 8DI ION (VA) or PDP67 F 8DI ION HP (VA) to 1 PDP link module (maximum configuration: 16 PDP67 modules) - 4 sensors to 1 decentralised PDP67 module (maximum configuration: 64 sensors) ▶ Dimensions (H x W x D) in mm: 101.4 x 22.5 x 120	CE, cULus Listed, EAC (Eurasian), TÜV, KOSHA	772 121	783 540 (1 set)	793 540 (1 set)
▶ On the left side, max. 4 multi-link modules can be connected to the base unit ▶ Point-to-point connection via 4-core shielded, twisted-pair cable ▶ Transfer of 32 bit input data and 32 bit output data (virtual I/Os) ▶ Dimensions (H x W x D) in mm: 101.4 x 22.5 x 120	CE, cULus Listed, EAC (Eurasian), TÜV, KOSHA	772 120	783 538 (1 set)	793 538 (1 set)
▶ Safe communication via the real-time Ethernet SafetyNET p RTFL ▶ In the PNOZmulti Configurator up to 128 virtual inputs and 32 virtual outputs can be defined for safe communication via SafetyNET p ▶ Every PNOZmulti 2 SafetyNET p subscriber (base unit PNOZmulti 2) is assigned a module PNOZ m EF SafetyNET ▶ Up to 16 SafetyNET p subscribers can be connected in a linear structure ▶ Maximum of 1 fieldbus module can in addition be connected ▶ Dimensions in mm (H x W x D): 96 x 45 x 110.7	CE, cULus Listed, EAC (Eurasian), TÜV	772 122	751 017 (1 set)	750 017 (1 set)
For information please refer to pages 100–101	-	-	-	-

In order to use the full scope of the PNOZmulti Configurator, you will need a valid licence in addition to the software package. Purchasing a licence converts the demo software with restricted functionality to a full version. Information on the available licences can be found at www.pilz.com, webcode: web151344

Demo software can be downloaded from the Internet (for registered users), information at www.pilz.com/pnozmulti-tools, webcode: web150399

Keep up-to-date on PNOZmulti 2 I/O modules:



Online information at www.pilz.com

► Configurable safe small controllers PNOZmulti 2

Configurable safe small controllers PNOZmulti 2 – communication/fieldbus modules, connectable on the left



PROFINET

PNOZ m ES PROFINET



PROFIBUS

PNOZ m ES PROFIBUS



EtherCAT

PNOZ m ES EtherCAT



EtherNet/IP

PNOZ m ES EtherNet/IP



ETHERNET POWERLINK

PNOZ m ES POWERLINK



CANopen

PNOZ m ES CANopen



CC-Link

PNOZ m ES CC-Link



Ethernet

PNOZ m ES ETH



RS232

PNOZ m ES RS232

Type	Application area
PNOZ m ES PROFINET	Fieldbus module PROFINET (I/O device)
PNOZ m ES PROFIBUS	Fieldbus module PROFIBUS-DP (slave, DPV0)
PNOZ m ES EtherCAT	Fieldbus module EtherCAT (slave, CANopen over EtherCAT)
PNOZ m ES EtherNet/IP	Fieldbus module EtherNet/IP (adapter)
PNOZ m ES POWERLINK	Fieldbus module Ethernet POWERLINK V2 (slave)
PNOZ m ES CANopen	Fieldbus module CANopen (slave, CiA 301 V 4.2.0)
PNOZ m ES CC-Link	Fieldbus module CC-Link
PNOZ m ES ETH	Communication module with Ethernet/Modbus TCP interface
PNOZ m ES RS232	Communication module with serial interface

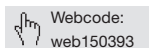
Common features

- Can be configured with the software tool PNOZmulti Configurator
- Status indicators via LEDs

technical details

Features	Certification	Order number		
		Without terminals	Plug-in spring-loaded terminals	Plug-in screw terminals
▶ Transmission rate 100 MBit/s (100BaseTX), full-duplex and half-duplex ▶ Two RJ45 ports ▶ PROFINET I/O Device (V2.2) functions in accordance with conformance class C ▶ Supported functions: RT, IRT, MRP, LLDP ▶ Dimensions (H x W x D) in mm: 101.4 x 22.5 x 110.4	CE, cULus Listed, EAC (Eurasian)	772 138	783 542 (1 set)	793 542 (1 set)
▶ Station addresses from 0 ... 99, selected via rotary switch ▶ Transmission rate: max. 12 MBit/s ▶ Connection to fieldbus via female 9-pin D-Sub connector ▶ Dimensions (H x W x D) in mm: 101.4 x 22.5 x 115	CE, cULus Listed, EAC (Eurasian)	772 132	783 542 (1 set)	793 542 (1 set)
▶ Transmission rate: 100 MBit/s ▶ Max. 148 bytes TxPDO and 20 bytes RxPDO ▶ Connection to fieldbus via RJ45 connector ▶ Dimensions (H x W x D) in mm: 101.4 x 22.5 x 115	CE, cULus Listed, EAC (Eurasian)	772 136	783 542 (1 set)	793 542 (1 set)
▶ Transmission rate: 10 MBit/s, 100 MBit/s ▶ IP address is set at DIP switch on the front of the unit ▶ 2-port switch ▶ Connection to fieldbus via RJ45 connector ▶ Integrated web server ▶ Dimensions (H x W x D) in mm: 101.4 x 22.5 x 110.4	CE, cULus Listed, EAC (Eurasian)	772 137	783 542 (1 set)	793 542 (1 set)
▶ Station addresses from 1 ... 239, selected via rotary switch ▶ Transmission rate: 100 MBit/s ▶ Connection to fieldbus via RJ45 connector ▶ Dimensions (H x W x D) in mm: 101.4 x 22.5 x 110.4	CE, cULus Listed, EAC (Eurasian)	772 119	783 542 (1 set)	793 542 (1 set)
▶ Station addresses from 0 ... 99, selected via rotary switch ▶ Transmission rate: max. 1 MBit/s ▶ Transmission rate selected via rotary switch ▶ Connection to fieldbus via male 9-pin D-Sub connector ▶ Dimensions (H x W x D) in mm: 101.4 x 22.5 x 115	CE, cULus Listed, EAC (Eurasian)	772 134	783 542 (1 set)	793 542 (1 set)
▶ Station addresses from 1 ... 63, selected via rotary switch ▶ Station type: remote device ▶ Occupied stations: 3 ▶ Transmission rate: max. 10 MBit/s ▶ Connection to fieldbus: via 5-pin Combicon plug-in connector ▶ Dimensions (H x W x D) in mm: 101.4 x 22.5 x 110.4	CE, EAC (Eurasian)	772 135	783 542 (1 set)	793 542 (1 set)
▶ With 2 Ethernet interfaces ▶ Transmission rate 10 MBit/s or 100 MBit/s ▶ Connection to fieldbus via RJ45 connector ▶ Can only be used with base unit PNOZ m B0 ▶ Dimensions (H x W x D) in mm: 101.4 x 22.5 x 111	CE, cULus Listed, EAC (Eurasian)	772 130	-	-
▶ 1 serial interface RS232 ▶ Can only be used with base unit PNOZ m B0 ▶ Dimensions (H x W x D) in mm: 101.4 x 22.5 x 120	CE, cULus Listed, EAC (Eurasian)	772 131	783 538 (1 set)	793 538 (1 set)

Keep up-to-date on PNOZmulti 2 communication modules:



Online information at www.pilz.com

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Demo software can be downloaded from the Internet (for registered users), information at www.pilz.com/pnozmulti-tools, webcode: web150399

► Software tools for small controllers

Software tool – PNOZmulti Configurator



Type	Features
PNOZmulti Configurator	► Graphical tool for configuring and programming the configurable small controllers PNOZmulti ► Project development, configuration generation, documentation and commissioning ► Data transmission varies depending on the used base unit: via USB interface, ETH interface, chip card or USB stick ► User interface in German, English, French, Italian, Spanish, Japanese and Chinese (selectable) ► System requirements (version 10.0.0 or higher): - Operating system: Windows 7; 8; 8.1; 10 ... (32 Bit, 64 Bit) - Standard PC with min. 1 GHz processor - RAM: min. 1 024 MB - Hard drive: 20 GB; min. 15 GB free memory space - Graphics card: Supports Super VGA graphics - Browser: Internet Explorer version 9 or higher ► To be able to fully utilise the PNOZmulti Configurator, you will need a valid licence in addition to the software package because without a licence the PNOZmulti Configurator will only run in the demo version; various licences are available ► Each licence type is available as a full version or service version - Full version: the full version provides the whole functional range of a licence - Service version: the service version of a licence is intended for service and maintenance; it provides only limited editing options

Software tool – Diagnostic solution PVIS



Type	Features
PVIS	Diagnostic configurations can be created for all PVIS-capable controllers. This is done using the respective system software of the controller, e.g. using the PNOZmulti Configurator. The diagnostic configuration contains event notifications which can be displayed e.g. if errors occur in or at the controller, if the operating status of the control system changes or in the case of defined conditions.
PVIS OPC Server UA/OPC Server	The OPC Server "PVIS OPC Server UA" from Pilz is used for displaying the event notifications in visualisation software. The OPC Server is installed on a PC or a PMI operator terminal.
PVIS OPC Configurator	The PVIS OPC Configurator is used to create an OPC project which contains the diagnostic configurations and the OPC data for the individual controller. The OPC Server connects to the controllers, reads in the data and makes it available in the namespace. In the namespace, not only the event notifications can be viewed but also status information and the process data of the controllers.
ActiveX Control UA/ActiveX Control	In order to retrieve the event notifications of a controller from the OPC Server and to display them in visualisation software, ActiveX control can use "PVIS ActiveX Control UA".

Licence type	Order number		
	Type	Full version	Service version
► Basic Licence: Single user licence, issued to one owner (company name and location/project must be stated) ► User Licence: Discounted licence for an additional workstation, issued to the owner of a basic licence ► Multi User Licence: Multi-user licence, graduated according to the number of workstations (up to 25, 50, 100 and over 100) ► Project Licence: Licence to use the software within a contractually limited framework ► Basic/User/Multi User/Project Upgrade Licence: Discounted licence to allow existing licence owners to upgrade to a newer version of the software ► Time Limited Licence: Basic licence limited to 2, 3 or 4 months	Software can be downloaded from the Internet		
	► Basic Licence	773 010B	773 011B
	► User Licence	773 010K	773 011K
	► Multi User Licence	773 010M	773 011M
	► Project Licence	773 010G	773 011G
	► Time Limited Licence, 2 months	773 010S	-
	► Time Limited Licence, 3 months	773 010R	-
	► Time Limited Licence, 4 months	773 010Q	-
	Upgrade		
	► Basic Upgrade Licence	773 010U	773 011U
	► User Upgrade Licence	773 010V	773 011V
	► Multi User Upgrade Licence	773 010N	773 011N
	► Project Upgrade Licence	773 010W	773 011W

Keep up-to-date on the software tool PNOZmulti Configurator:

 Webcode: web150399

Licences:

 Webcode: web151344

Online information at www.pilz.com

Licence type	Order number		
	Type	Runtime licence	Project licence
► Runtime licence: OPC/OPC UA server application which is licensed for a target computer and can be used without time restriction ► Project licence: Licence to use the software within a contractually limited framework	PVIS OPC Server for PMI, point-to-point	261 905	261 905G
	PVIS OPC Server for PMI, 8 devices	261 906	261 906G
	PVIS OPC Server for PC, point-to-point	261 907	261 907G
	PVIS OPC Server for PC, unlimited	261 908	261 908G

Keep up-to-date on the software tool "Diagnostic solution PVIS":

 Webcode: web150398

Online information at www.pilz.com

► Accessories – configurable safe small controllers

Accessories – configurable safe small controllers PNOZmulti 2



PNOZmulti Toolkit



Chipcard



SafetyNET p Cable



PSEN ma adapter

Type	Application range/features	Order number
PNOZmulti Toolkit	The tool kit includes: chip card with 32k and seal PNOZmulti m1p VP: 10 pcs., chip card reader PNOZmulti, programming cable PNOZmulti, system manual PNOZmulti	779 000
USB memory 512 MB	For base unit PNOZ m B1, for follow-up orders only	779 213
Chipcard	Chip card for the base units PNOZ m B0, PNOZmulti Mini, PNOZmulti (obligatory accessories)	► 8 kByte, 1 pieces ____ 779 201 ► 8 kByte, 10 pieces ____ 779 200 ► 32 kByte, 1 pieces ____ 779 211 ► 32 kByte, 10 pieces ____ 779 212
Chipcard Holder	Chip card holder	779 240
Chipcard Reader	Chip card reader, PNOZmulti Configurator version 9.6.0 or higher	779 230
PNOZmulti Seal	Adhesive label for chip card, 12 pieces	779 250
SafetyNET p Cable	Connection cable for all link modules of the small controllers PNOZmulti, available by the metre 1 ... 500 m, signal yellow RAL1003, 4-core, without connector	380 000
	Connector X1/X2-RJ45 male connector (straight)	► 0.5 m ____ 380 001 ► 1 m ____ 380 003 ► 2 m ____ 380 005 ► 5 m ____ 380 007 ► 10 m ____ 380 009
SafetyNET p Connector RJ45s	Plug-in connector	380 400
RJ45 Connector	Pin connector	380 401
PSSu A RJ45-CAB 1.5M	Patch cable with RJ45 connector, light grey	► 1.5 m ____ 314 094
PSSu A USB-CAB03	Mini USB cable for the base units PNOZ m B0 and PNOZmulti Mini	► 3 m ____ 312 992
		► 5 m ____ 312 993
PSEN ma adapter	Adapter for connection to PSENmag safety switches	380 300
PSEN cs adapter	Adapter for connection to PSENcode safety switches	380 301

PNOZmulti 2

Accessories – configurable safe small controllers PNOZmulti 2



PNOZ msi1Ap



MM A MINI-IO-CAB

Type	Application range/features	Order number
PNOZ msi1Ap Adapter Si/Ha 25/25	▶ Connection cable for the safe speed and standstill monitors PNOZ ms1p/PNOZ ms2p/PNOZ ms3p, used to connect incremental encoders ▶ Connection cable for all common makes of drive ▶ Connection to drive and incremental encoder via 25-pin or 15-pin D-Sub male and female connector, or wired with stranded cable ▶ For more information, please refer to the operating instructions	▶ 2.5 m 773 840 ▶ 5 m 773 844
PNOZ msi1Bp Adapter Si/Ha 25/25		▶ 2.5 m 773 841 ▶ 5 m 773 839
PNOZ msi3Ap Adapter Si/Ha 15/15		▶ 2.5 m 773 842
PNOZ msi3Bp Adapter Si/Ha 15/15		▶ 2.5 m 773 843
PNOZ msi5p Adapter Bos/Rex 15/15		▶ 2.5 m 773 857 ▶ 1.5 m 773 858
PNOZ msi6p Adapter Elau 9/9		▶ 7.5 m 773 859 ▶ 2.5 m 773 860 ▶ 1.5 m 773 861
PNOZ msi7p Adapter SEW 15/15		▶ 2.5 m 773 864 ▶ 1.5 m 773 865
PNOZ msi8p Adapter Lenze 9/9		▶ 2.5 m 773 862 ▶ 1.5 m 773 863
PNOZ msi9p adapter cable		▶ 5.0 m 773 856 ▶ 2.5 m 773 854 ▶ 1.5 m 773 855
PNOZ msi19p ADAPTER ELAU PACDrive3		▶ 2.5 m 773 847 ▶ 1.5 m 773 846
PNOZ msi b1 Box 9p		▶ 9-pin 773 882
PNOZ msi b1 Box 15p		▶ 15-pin 773 880
PNOZ msi b1 Box 25p		▶ 25-pin 773 883
PNOZ msi S09		▶ 9-pin 773 870
PNOZ msi S15	▶ Connector sets/adapters for connecting frequency converters to speed monitors PNOZ msxp, PNOZ s30, PNOZ m EF 1MM/2MM, adapter box PNOZ msi b1 Box ▶ Plug-in connector X1/X2: x-pin D-Sub male connector/female connector	▶ 15-pin 773 871
PNOZ msi S25		▶ 25-pin 773 872
PNOZ msi9p	▶ Connection cable for adapter box PNOZ msi b1 Box ▶ Connection via RJ45 connector, stranded wire cables with wire end ferrules	▶ 1.5 m 773 855
PNOZ msi10p		▶ 2.5 m 773 854
PNOZ msi11p		▶ 5 m 773 856
PNOZ msi b0 cable 15/RJ45	▶ For adapter box PNOZ msi b1 Box ▶ x-pin D-Sub male connector/ 8-pin RJ45 connector	▶ 15-pin, 0.3 m 773 881
PNOZ msi b0 cable 25/RJ45		▶ 25-pin, 2.5 m 773 884
MM A MINI-IO-CAB	▶ Adapter cable for PNOZmulti 2, PNOZ m EF 1MM and PNOZ m EF 2MM ▶ Shielded ▶ Preassembled 8-pin Mini IO male connector at one end	▶ 1.5 m 772 200
		▶ 2.5 m 772 201
		▶ 5.0 m 772 202

Webcode:
web87010

Online information
at www.pilz.com

► Decentralised modules PDP67

With the PDP67 modules you can achieve a high level of decentralisation. The digital input module PDP67 F 8DI ION forwards signals from the sensors connected decentrally in the field to various evaluation devices, e.g. PNOZmulti 2, PNOZmulti Mini and PNOZmulti. Using the PDP67 modules up to 64 sensors can be connected to the analysis units.



PDP67 F 8DI ION

Decentralised and passive – decentralised safety

The passive junction PDP67 F 4 code enables the connection of up to four sensors PSENSlock or PSENini. In addition to the possibility of connection to the configurable control systems PNOZmulti, PNOZmulti Mini and PNOZmulti 2, the PNOZsigma safety relays are also available.

Versatile automation architectures are possible due to the possibility of connection to various evaluation devices.

PDP67 – economical and safe

Integrated into dirt and water-repellent IP67 housings, the PDP67 modules can even be used where there are high demands on hygiene. The decentralised modules optimise the installation and wiring effort – saving you time, money and space in the control cabinet. PDP67 modules with stainless steel threads satisfy the requirements of the food industry.

Type code for decentralised modules PDP67

PDP67 F 8DI ION HP VA

Product area Control technology	Design	Function	Number of inputs	Technology type	Variant	Material
Product range Decentralised Periphery	67 To protec- tion class IP67	F Failsafe	8DI 8 digital inputs 4 4 digital inputs	ION I/Onet p code PSENcode	HP High power	VA With stainless steel elements PT Overmoulded variant with plastic thread

Keep up-to-date
on decentralised
modules PDP67:

Webcode:
web150510

Online information
at www.pilz.com



PDP67 F 8DI ION PT

New decentralised input module PDP67 F 8DI ION PT

Thanks to an improved manufacturing process, the new decentralised input module is a cost-effective alternative to existing solutions on the market. This new addition to the range of Pilz decentralised field devices allows modular machine concepts to be planned and implemented with ease.

Your benefits at a glance

- ▶ Less planning and design work thanks to simple installation
- ▶ Simple implementation of a modular machine concept
- ▶ Saving of space in the control cabinet
- ▶ Integrated in dirt and water-repellent housings
- ▶ Can be used for applications with high demands on hygiene

Technical details – modules for alternative connection options for sensors



PDP67 F 4 code

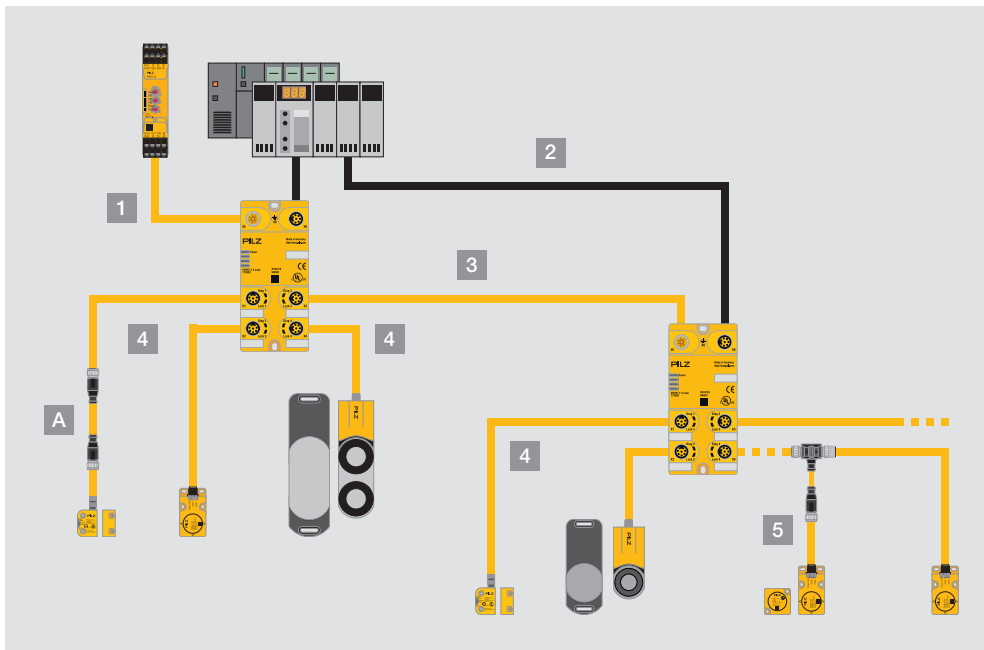


PDP67 Connector cs

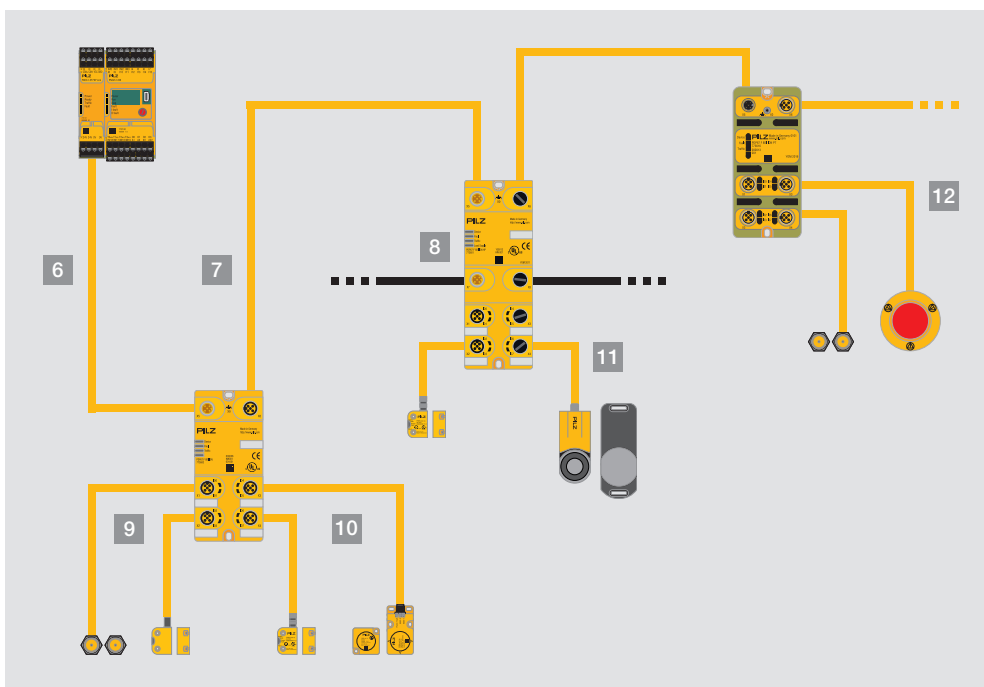
Type	Features	Safety	Certification	Order number
PDP67 F 8DI ION	Decentralised input module for PNOZmulti 2, PNOZmulti Mini and PNOZmulti	▶ PL e of EN ISO 13849-1 ▶ SIL CL 3 of EN/IEC 62061	BG, CE, TÜV, cULus Listed	773600
PDP67 F 8DI ION VA			BG, CE, TÜV, cULus Listed	773614
PDP67 F 8DI ION PT			BG, CE, cULus Listed	773616
PDP67 F 8DI ION HP	Decentralised input module for ▶ PNOZmulti 2, PNOZmulti Mini and PNOZmulti ▶ High power ▶ Additional supply voltage for PSENSlock and PSENopt		BG, CE, TÜV, cULus Listed	773601
PDP67 F 8DI ION HP VA			BG, CE, TÜV, cULus Listed	773615
PDP67 F 4 code	Passive junction PSENcode		CE, cULus Listed	773603
PDP67 F 4 code VA			CE, cULus Listed	773613
PDP67 Connector cs	Adapter for connection cable to the evaluation device	-	-	773610
PDP67 Connector cs VA			-	773612

► Cable navigator

The cable navigator helps in the creation of your application. It provides a fast, simple overview of which cable and which adapter can be used to connect to the respective analysis unit and on various sensors.



Use of cables for an application with PDP67 F 4 code.



Use of cables for an application with PDP67 F 8DI ION.

Cable navigator

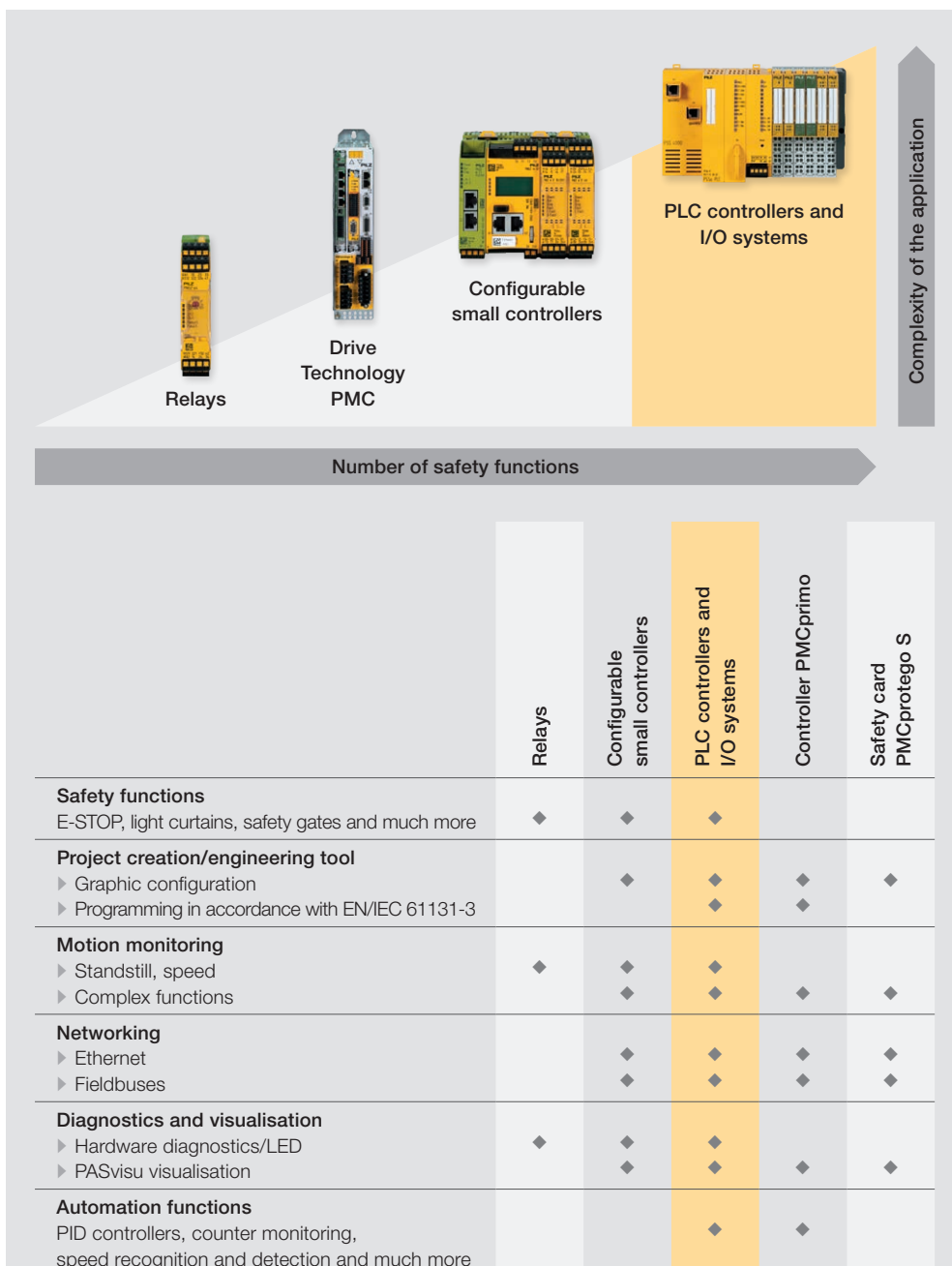
Type

- | | |
|----|---|
| A | Adapter for M8 connection, 8-pin sensors |
| 1 | Connection cable evaluation device – PDP67 (X5) |
| 2 | Connection cable standard evaluation device – PDP67 (X6) |
| 3 | Connection cable PDP67 (X1–X4) – PDP67 (X5) |
| 4 | Connection cable PSENcode, PSENslock, PSENini (X1–X4) |
| 5 | PSEN Y-junction/PSEN T-junction for series connection |
| 6 | Connection cable PNOZ m EF PDP Link/PNOZ ml2p/PNOZ mml2p – PDP67 (X5) |
| 7 | Connection cable PDP67 (X6) – PDP67 (X5) |
| 8 | Supply cable PDP67 F 8DI ION HP (X7–X8) |
| 9 | Connection cable PSENmag (X1–X4) |
| 10 | Connection cable PSENcode (X1–X4) |
| 11 | Connection cable PSENslock (X1–X4) |
| 12 | Connection cable PIT, sensors without M12 connection (X1–X4) |

Features	Certification	Order number						
			2 m	3 m	5 m	10 m	20 m	30 m
PSEnconverter, straight, M8, 8-pin, socket to M12, 8-pin, connector	UL	540 329	-	-	-	-	-	-
PSEncable, straight, M12, 8-pin, open-ended socket	UL	-	-	540 319	540 320	540 321	540 333	540 326
PDP67 cable, straight, M12, 8-pin, open-ended connector	UL	-	380 700	-	380 701	380 702	380 703	380 704
PSEncable, straight, M12, 8-pin, plug/socket	UL	-	540 340	-	540 341	540 342	540 343	540 344
PSEncable, straight, M12, 8-pin, plug/socket	UL	-	540 340	-	540 341	540 342	540 343	540 344
PSEN Y-junction M8-M12/M12, pigtail, series connection with M8, 8-pin	-	540 337	-	-	-	-	-	-
PSEN Y-junction M12-M12/M12, pigtail, series connection with M12, 8-pin	-	540 338	-	-	-	-	-	-
PSEN T-junction, M12, diagnostic connector	-	540 331	-	-	-	-	-	-
PSEN op cable, straight, M12, 5-pin, open-ended socket	UL	-	-	630 310	630 311	630 312	630 298	630 297
PSS67 cable, straight, M12, 5-pin, plug/socket	UL	-	-	380 208	380 209	380 210	380 220	380 211
X7: PSS67 supply cable, straight, M12, 5-pin, open-ended socket, B-coded	UL	-	-	380 256	380 257	380 258	-	-
X7-X8: PSS67 supply cable, straight, M12, 5-pin, plug/socket, B-coded	UL	-	-	380 250	380 251	380 252	-	-
n-type: PSS67 cable, straight, M12, 5-pin, plug/socket	UL	-	-	380 208	380 209	380 210	380 220	380 211
p-type (M8, 4-pin): PSS67 cable, straight, M8, 4-pin, socket, M12, 4-pin, connector	UL	-	-	380 200	380 201	380 202	-	380 203
Adapter for p-type: PSEnmag adapter	-	-	380 300	-	-	-	-	-
n-type: PSS67 cable, straight, M12, 5-pin, plug/socket	UL	-	-	380 208	380 209	380 210	380 220	380 211
p-type (M12, 8-pin): PSS67 cable, straight, M12, 5-pin, plug/socket	UL	-	-	380 208	380 209	380 210	380 220	380 211
Adapter for p-type: PSEN cs adapter	-	-	380 301	-	-	-	-	-
n-type: PSS67 cable, straight, M12, 5-pin, plug/socket	UL	-	-	380 208	380 209	380 210	380 220	380 211
p-type (M12, 8-pin): PSS67 cable, straight, M12, 5-pin, plug/socket	UL	-	-	380 208	380 209	380 210	380 220	380 211
PSEN sl adapter	-	-	380 325	-	-	-	-	-
PDP67 cable, straight, M12, 5-pin, open-ended connector	UL	-	-	380 705	380 709	380 706	380 707	380 708

► PLC controllers and I/O systems

You can use controllers and decentralised I/O systems from Pilz to easily and flexibly implement safety and automation applications of any size: machines with an elementary function range, machines with multiple axes, interlinked plant and machinery. High availability and productivity, as well as maximum safety, are guaranteed for your plant and machinery.





Product range

PLC controllers and I/O systems

▶ PLC controllers and I/O systems PSSUniversal	106
▶ Automation system PSS 4000	108
▶ Firewall SecurityBridge	112

Product range

Decentralised I/O system PSSUniversal

▶ Technical details	116
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Product group

Remote I/O system PSSUniversal 2

▶ Technical details	136
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