

Programming software - PC WORX EXPRESS

2988670

<https://www.phoenixcontact.com/us/products/2988670>



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PC Worx Express is an easy-to-use engineering software tool. Class 100 and class 1000 modular small-scale controllers as well as the PC WORX SRT software controller with FBD, LD, and ST IEC 61131 programming languages are supported. Projects with max. 128 kB of input and output data can be created. The software is available free of charge and does not require a license key. It is part of the AUTOMATIONWORX Software Suite, which you can download under "Downloads".

Your advantages

- Free programming environment for class 100 and 1000 modular small-scale controllers from Phoenix Contact
- Free programming environment for the PC Worx SRT software controller from Phoenix Contact
- Uniform operation worldwide, thanks to programming according to IEC 61131
- Fast startup and programming, thanks to comprehensive standard libraries
- Integrated fieldbus and network configuration
- Free introduction to programming
- Integrated diagnostics and monitoring
- Comprehensive diagnostic possibilities such as breakpoints, individual steps, debugging in libraries, instance debugging
- Program modifications can also be made while the controller is running
- Consistent support for drag-and-drop
- User-friendly device handling, thanks to integrated PROFIBUS, INTERBUS, and Modbus TCP configuration and addressing

Commercial Data

| | |
|--------------------------------------|--------------------------------|
| Item number | 2988670 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Note | Made to Order (non-returnable) |
| Sales Key | D04 |
| Product Key | DRDBAC |
| Catalog Page | Page 29 (C-6-2019) |
| GTIN | 4046356323314 |
| Weight per Piece (including packing) | 68.4 g |
| Weight per Piece (excluding packing) | 68.4 g |
| Customs tariff number | 85234910 |
| Country of origin | DE |

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Technical Data

Product properties

| | |
|--------------|-------------|
| Product type | Programming |
|--------------|-------------|

System properties

| | |
|----------------|---|
| Control system | (Target system) Embedded and PC-based controllers |
|----------------|---|

Software

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|-------------------------------|--------------------------------------|
| Type of software | On-premise |
| Intended use for the software | Engineering software for controllers |

License information

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|-----------------|---------------------|
| Type of license | Single-user license |
| | Freeware |

Functionality

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|---------------------------------|---|
| Basic functions | Configuring an automation system, parameterizing INTERBUS devices, operating INTERBUS, programming an automation system according to IEC 61131-3, communication according to IEC 61131-5 IEC 61131 includes the following programming languages: - Function block diagram (FBD), - Ladder diagram (LD), - Structured text (ST) Network configuration (functionality of Config+) Network diagnostics (functionality of Diag+) |
| Integrated function | Analysis Evaluation Data acquisition Programming Configuration Diagnostics Maintenance Communication |
| Programming languages supported | Programming in acc. with IEC 61131-3 |
| Configuration | INTERBUS Modbus/TCP |
| Diagnostics | INTERBUS PROFINET |

| | |
|---------------------|---|
| Control system | (Target system) Embedded and PC-based controllers |
| Associated hardware | Phoenix Contact control |
| Number of I/O nodes | 128000 |

System requirements

| | |
|---------------------|---|
| Operating equipment | Keyboard, mouse |
| Operating system | Windows® 10 (32-bit/64-bit), as of Build 1511 |

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| | |
|---------------------|---|
| | Windows® 11, as of Build 22000.675 |
| Processor | min. 2 GHz, x86 architecture |
| Hard disk memory | min. 2 GByte |
| RAM | min. 2 GByte |
| Interfaces | Serial COM port, Ethernet (PCI if there is an INTERBUS master card in the PC) |
| Screen resolution | SXGA (1280 x 1024) |
| Supported browsers | Internet Explorer Version 8 or later |
| Languages supported | German, English, French, Italian, Spanish, Chinese |

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Classifications

ECLASS

| | |
|---------------|----------|
| ECLASS-9.0 | 27242501 |
| ECLASS-10.0.1 | 27242501 |
| ECLASS-11.0 | 27242501 |

ETIM

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| ETIM 7.0 | EC000809 |
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UNSPSC

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| UNSPSC 21.0 | 43233603 |
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Accessories

Driver and interface software

Driver and interface software - AX OPC SERVER - 2985945

<https://www.phoenixcontact.com/us/products/2985945>

AX OPC SERVER, communication interface for OPC-capable visualization with PC WORX-based controls.



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