

referred to on Certificate No.: 968/FSP 2260.00/22  
certified product: ctrlX DRIVE<sup>PLUS</sup> with ctrlX CORE

### Security related component

Description	SW Revision	HW Revision	Report-No.:	Certification Status
ctrlX DRIVE <sup>PLUS</sup> with ctrlX CORE	1.6.1	AB1	968/FSP 2260.00/22	Valid

### Default delivery applications

Type Designation	Application name	Description	SW Revision	Report-No.:	Certification Status
XCR-V-0106.1	ctrlX CORE Runtime (XCR)	System applications which are pre-installed on the component. Those applications are listed below. The apps which are included in the XCR package do not have a separate Type designation.	1.6.1	968/FSP 2260.00/22	Valid
	core	Basic operating system (Ubuntu Core 16)	16-2.48.2_10585	968/FSP 2260.00/22	Valid
	core18	Basic operating system (Ubuntu Core 18)	20201210_1949	968/FSP 2260.00/22	Valid
	app.arch01.hw	Contains the bootloader and FPGA firmware of the device	1.6.1	968/FSP 2260.00/22	Valid
	app.arch01.kernel	Provides the Linux kernel	4.19.127-rt55-icx34	968/FSP 2260.00/22	Valid
	app.automationcore	Provides the automation framework for apps like EtherCAT Master and Motion	1.6.1	968/FSP 2260.00/22	Valid
	app.deviceadmin	Provides the main, web-based engineering interface	1.6.0	968/FSP 2260.00/22	Valid
	app.solutions	Provides the tools to manage individual project files	1.6.0	968/FSP 2260.00/22	Valid
	snapd	Basic operating system administration tools (Ubuntu Core)	2.47.1_9730	968/FSP 2260.00/22	Valid

### Additional/optional applications

Type Designation	Application name	Description	SW Revision	Report-No.:	Certification Status
ECM-V-0106.1	app.ethercatmaster (ECM)	This app activates the Master Interface for the Real-time Ethernet system EtherCAT. Requires the "Automation Core" app. EtherCAT is a registered trademark and patented technology, licensed by Beckhoff Automation GmbH, Germany.	1.6.1	968/FSP 2260.00/22	Valid
FRW-V-0106.0	app.firewall (FRW)	The Firewall app can be used to individually restrict the communication between machine and network. Thus, the protection against unauthorized accesses by viruses and Trojan horses is improved. There are multiple configuration options for beginners and experts to quickly make changes to protect the machine.	1.6.0	968/FSP 2260.00/22	Valid
MOT-V-0106.0	app.motion (MOT)	Basic motion functions for single axis positioning for up to 10 axes per controller. Max. 4 interpolated axes per kinematic. The range of functions can be extended by optional technology packages for robotics and handling or systems with axis synchronization requirements. Requires the 'Automation Core' app.	1.6.0	968/FSP 2260.00/22	Valid
PLC-V-0106.0	app.plc (PLC)	The PLC app builds on the powerful PLC runtime system from CoDeSys V3 and extends it with comprehensive technology libraries from Rexroth. Requires the "Automation Core" app.	1.6.0	968/FSP 2260.00/22	Valid
PYR-V-0106.0	app.python (PYR)	The Python Runtime App provides the runtime environment for executing Python code on the ctrlX CORE. Any Python scripts can be loaded on the ctrlX CORE with this App.	1.6.0	968/FSP 2260.00/22	Valid

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UAC-V-0106.3	app.opcua.client (UAC)	The OPC UA Client app allows to access the OPC Unified Architecture (OPC UA) servers. As OPC UA client, the ctrlX CORE can access each connected OPC UA server and retrieve the provided data. Together with the OPC UA Server app, a standardized machine-to-machine (M2M) communication is possible.	1.6.3	968/FSP 2260.00/22	Valid
UAS-V-0106.1	app.opcua.server (UAS)	The OPC UA Server app provides a standardized communication according to the OPC Unified Architecture (OPC UA) standard. As OPC UA server, the ctrlX CORE provides all device data such as PLC, Motion Control and system information to all connected OPC UA clients. Together with the OPC UA Client app, a standardized machine-to-machine (M2M) communication is possible.	1.6.1	968/FSP 2260.00/22	Valid
RMA-V-0106.1	app.remote-agent (RMA)	Provides all device management services offered by the ctrlX Device Portal powered by NEXEED to your device.	1.6.1	968/FSP 2260.00/22	Valid
VPN-V-0106.1	app.vpnmanager (VPN)	The VPN Client app enables the secure, encrypted communication with one or more end points for a remote maintenance or to stream sensitive data. In the basic scope, the synchronous setup of up to two VPN connections is possible.	1.6.1	968/FSP 2260.00/22	Valid

The content of this Revision List has been agreed between Manufacturer and Certification Body.

**Revision:**

Date	Rev.	Description / Changes	Author
2022-02-10	1.0	Initial creation, based on Report-No.: 968/FSP 2260.00/22	ja/A-FS&CS