

Evaluation unit EKS2-E-PN-... ■ Release Notes

Valid for: Evaluation unit EKS2-E-PN-MH1-170904, order no. 170904

	Important! Updating the product may change its functions and features. Make sure to use the documentation and the supplementary informations valid for your product version. The documents can be downloaded from www.euchner.com. For this purpose, enter the order number for the device in the search box. The documents are available under <i>Downloads</i>.
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Product version (Hardware version)	Firmware version	Date	Description
V1.0.0	V1.2.0	September 2026	New Features › EU000 structure/modules added. › Little/Big Endian selection option added to Device Parameters. › New Error Group 0x06 created for invalid user configuration. › New error <i>Reader Chip disturbance (0x70)</i> added to error list. › UID-only mode functionality added. › New acyclic read commands Get Date/time, Get Transponder color and Get Order number for the transponder added. › PROFINET alarms are supported. Resolved Issues › # 013: Pressing the factory reset button while starting the system may cause an error during the factory reset process. › # 004: Possible mismanaged internal file version handling during the firmware update process causes a configuration error. › # 026: The MO selection process with several MO select operations can trigger a monitoring error. › # 027: The firmware update may cause an internal time synchronization loss and update fails. › # 018: A firmware update performed simultaneously by multiple PCs in the same network causes an error in the device. › # 003: A mismatch between the amount of modules used and slots available may produce a log entry with errorcode 0x05. › # 006: A key is not automatically evaluated again after acknowledgement of certain errors. › # 007: After two or more errors, the flashing pattern does not change to indicate the second error when the first error has been resolved. › # 014: Factory Reset button released in a certain time frame may interrupt the restart process after factory reset. › # 015: Non-existing acyclic commands result in an error without a diagnostic or error code. › # 002: A short circuit in the active output may cause an internal error instead of an output error. › # 017: Max. MO value not set on the transponder triggers MO error 0x11. › # 016: The status bit „No user area included“ is not activated when machine manufacturer area is on the transponder. › # 019: The read unit hardware version is displayed incorrectly in the web server. › # 020: The second resettable error is not displayed correctly when the first resettable error has been resolved. › # 022: Using flash LED functionality via TIA portal leads to a communication error on the evaluation unit if no read unit is connected. › # 023: The update of user configuration in GSDML file causes deletion of passwords for admin area and firmware update inside the webserver. › # 024: The firmware update fails without error indication 0xAF on evaluation unit if no read unit is connected. › # 030: Webserver not available for latest web browser versions. Compatibility Notes › Read units firmware version V1.2.X › GSD files: • GSDML-V2.44-EUCHNER-EKS2-2587441-20251117-120700 • GSDML-V2.44-EUCHNER-EKS2-2587441-20240925-141300: new features added since firmware version V1.0.X may not be supported or cannot be guaranteed.

V1.0.0	V1.0.1	May 2025	First version released for sales › SBOM: • PROFINET (Siemens) V2.44 • WolfSSH V1.4.10 • WolfSSL V5.5.4.4
			Compatibility Notes › Read units firmware version V1.0.X › GSD files: • GSDML-V2.44-EUCHNER-EKS2-2587441-20240925-141300