App functions

Motoric Valve Drive 6: 24 V modbus · https://faqdoc.info/en/systemauswahl/motoric-valve-drive-6/motoric-valve-drive-6-24-v-modbus-en/app-functions-3/

FUNCTION	DESCRIPTION	DISPLAY
DEVICE OPERATIONS		
Read		
Read from device	Reading out the settings of the OEM Motoric Valve Drive: 24 V Modbus RTU	– Ready to scan: **Hold your smartphone near to NFC tag** – Display: **Data was read successfully** or **Error message** → Repeat the process: The mobile device was moved too early or should be aligned more precisely.
Read from file	**Prerequisite for use:** File stored on the mobile device. – Reading the settings from a file stored on the mobile device Ways to store a file on the mobile device: – Sending files as attachments by message or e-mail – Storage of file by **Write to file** command	Display of the file management of the mobile device

Write		
Write to device	Settings are written to the OEM Motoric Valve Drive: 24 V Modbus RTU	– Ready to scan: **Hold your smartphone near to NFC tag** – Display: **Data was read successfully** or **Error message** → Repeat the process: The mobile device was moved too early or should be aligned more precisely.
Write to file	Scanned settings are stored as a file in the memory of the mobile device. The file can be used for – the dispatch by message or mail – the installation of additional OEM Motoric Valve Drive: 24 V Modbus RTU	Display of the file management of the mobile device
Verify		
Verify device	Comparison of the settings displayed in the **Settings** menu and the settings in the OEM Motoric Valve Drive: 24 V Modbus RTU	– Ready to scan: **Hold your smartphone near to NFC tag** – Display: **Data was read successfully** or **Error message** → Repeat the process: The mobile device was moved too early or should be aligned more precisely. Result: **Validation successful**: identical settings or **Verification failed**: different settings

Active operations		
Start initialization	Initialization of the OEM Motoric Valve Drive: 24 V Modbus RTU The actuator travels along the actuator path and valve path. The opening and closing points of the valve are stored.	**Your device will now begin with the initialization process.**
Go to position	Setting the actuator position	Sequence: 1. **Go to position** 2. **Confirm** 3. Ready to scan: **Hold your smartphone near to the NFC tag.** 4. **your device will now go to the specified position** or **Error message** → Repeat the process: The mobile device was moved too early or should be aligned more precisely.
Factory reset	Adjusts the parameters of the OEM Motoric Valve Drive: 24 V Modbus RTU to the delivery state.	Sequence: 1. Warning message 2. Scan process
Settings		
Force	Setting the force in the levels: 100 N, 125 N, 150 N, 200 N	
Runtime	15 s/mm, 30 s/mm	
Valve path recognition (VPR)	ON | OFF	

Display illumination	ON | OFF	Turns the LCD backlight on or off.
Drive path	2 – 8.5 mm	Limitation of the actuator path when the VPR is switched off. Use as a "limiter".
Bypass	0 ... 50 %	Limitation of the actuator travel in the other direction. **Application:** Ensure minimum flow to protect against frost. **Note:** Both the rubber diaphragm in the valve and the backlash in the adapter and the gear unit can influence the position. Please check the position!
Valve position	mm | %	Sets the preferred display on the LC display.
Baud rate	4.800 | 9.600 | 19.200	Setting the interface Adoption of changes after restarting the OEM Motoric Valve Drive: 24 V Modbus RTU.
Parity	None | Even | Odd	**None** if necessary, set 2 stop bits at the master **Even** +1 stop bit **Odd** +1 stop bit Adoption of changes after restarting the OEM Motoric Valve Drive: 24 V Modbus RTU.

Address	1 ... 247	Setting the Modbus address Adoption of changes after restarting the OEM Motoric Valve Drive: 24 V Modbus RTU.

.NOTES.

All modifications must only be carried out with the appropriate expertise. An incorrect setting can lead to malfunctions of the drive, a malfunction of the control system and consequential costs. The manufacturer does not accept any responsibility for incorrect settings and their consequences. Adoption of changes after restarting the OEM Motoric Valve Drive: 24 V Modbus RTU.