

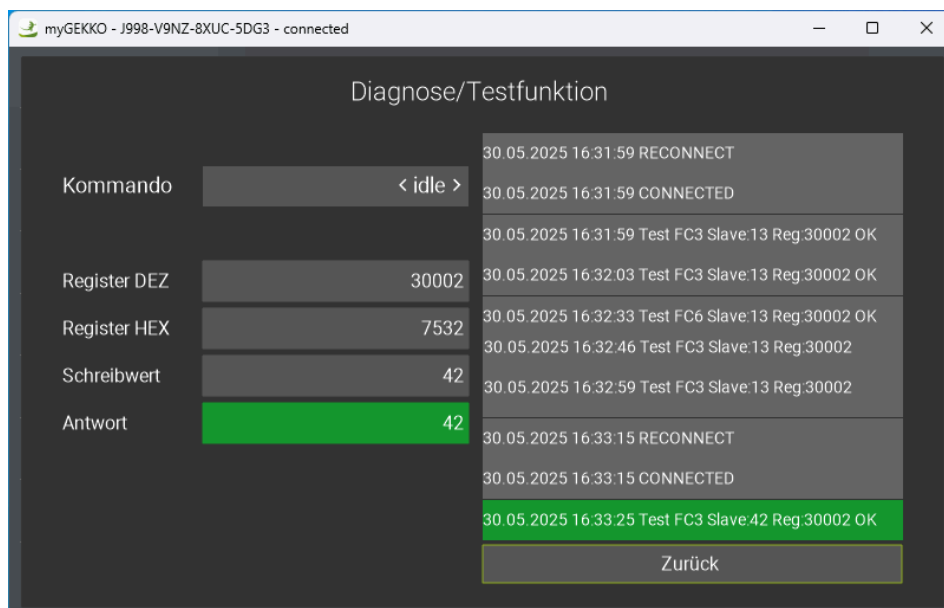
- This universal integration should work across all models.
- Validation was performed on a Meltem test rig with 4 Meltem units controlled by a myGEKKO PICO controller (OS version V9436-00) on June 13, 2025.
- REG 41013 (not used) will be removed in future models — reading it after removal causes an Illegal Address error. It was only used in a few devices.
- Missing or unplugged sensors return either 0 or max value
- A minimum delay of 500 ms is required between write commands.
- REG 41019 (not used) does not exist yet; it may be added in future versions, but older firmware might not support it.

Since the minimum pauses in the DDF are set quite long, it may take a few seconds for the fan level to be applied, especially when many devices are on the line.

Units can be ordered directly with different IDs. We recommend specifying the desired IDs when ordering! However, the Modbus slave ID on Meltem units can still be changed via a Modbus IO Station if necessary. Connect or power on the unit individually and use function code FC6 to write the new ID to register 30002

Default settings

- Data bits: 8
- Parity: Even
- Stop bits: 1
- Baud rate: 19200 bps
- Slave address: 1



myGEKKO - J998-V9NZ-8XUC-5DG3 - connected

(50) M-WRG-II > **Aktiviert** **Upload DDF>>**

(51) Device 2 > Name M-WRG-II
(0x0B00000F00010000)
 Port COM-Port 1

Slaves 11,12,13,14

Diagnose > LOG SLAVE 1

10:29

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Lüftung | Lüftung 1

Stufe 1

22.6 °C 27.5 °C
 23.5 °C 26.9 °C

Feuchte: 52%rF CO2: 508ppm

14:52

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Lüftung 1

Eingänge/Sensoren >

Eingänge	DI	Status	VOC/CO2 [ppm]
Taster Ein	DI	Aus	
Taster Aus	DI	Aus	
Anforderung	DI	Aus	
Sperrung	DI	Aus	1=Gesperrt
Feuchte	DEV 50.1.HUMI..	52.0%	
Qualität	DEV 50.1.CO2_...	508.0ppm	VOC/CO2 [ppm]
Zulufttemperatur	DEV 50.1.TEM..	23.5 °C	L. 0.00 Ohm
Ablufttemperatur	DEV 50.1.TEM..	22.6 °C	L. 0.00 Ohm
Fortlufttemperatur	DEV 50.1.TEM..	26.9 °C	L. 0.00 Ohm
Außenlufttemperatur	DEV 50.1.TEM..	27.5 °C	L. 0.00 Ohm

14:52

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Lüftung 1 Ausgänge/Ansteuerungen

Ausgang/Stufe 1	DEV 50.1.FAN...	Ein	Normal
Stufe 2	DEV 50.1.FAN...	Aus	Einzel
Stufe 3	DEV 50.1.FAN...	Aus	
Stufe 4	DEV 50.1.FAN...	Aus	
Ausgang Analog	AO	25%	
Ausgang Kühlen	DO	Aus	
Ausgang Entfeuchten	DO	Aus	Direkt

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Leistung virtuelle Summe 0.000000

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Systemelemente

Lizenz für	20 Elemente
Aktiv	17 Elemente
	Detailansicht >
Gateway	
Datenpunkte KNX	0 von 0
DeviceLib	
Gerätedefinitionen	1 von 2

15:01

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Lüftung 2

Stufe 1

Boost 1 min - AUS

Boost 1 min - Stufe 1

Stufe 1 <> 2 zykl. 5s

Daten 21

Supply Air	23.3 °C
Extract Air Tem	22.6 °C
Exhaust Air	26.9 °C
Outdoor Air	27.9 °C

Daten 23

Error Message	0.0
Filter change i	0.0
Frost Protectio	0.0
Extract Vent Le	25.0 m³/h

Daten 22

Extract Air	52.0 %
Extract Air CO2	508.0 ppm
Supply Air	46.0 %
Supply Air VOC	0.0 ppm

Daten 24

Supply Vent	25.0 m³/h
Time to Filter	352.0 days
Vent Unit Oper	24542.0 h
Fan Motor	22552.0 h

15:00

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ALLE

Stufe 1

PAUSE

P1	0.0
P2	0.0
P3	0.0
P4	0.0

Lüftung 2

Q	1.0
T	1749819648.0
EN	0.0
EC	0.0

Air Ven Ex

Lüftung 1	25.0 m ³ /h
Lüftung 2	25.0 m ³ /h
Lüftung 3	25.0 m ³ /h
Lüftung 4	25.0 m ³ /h

Lüftung 1

Q	1.0
T	1749819648.0
EN	0.0
EC	0.0

Lüftung 3

Q	1.0
T	1749819648.0
EN	0.0
EC	0.0

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