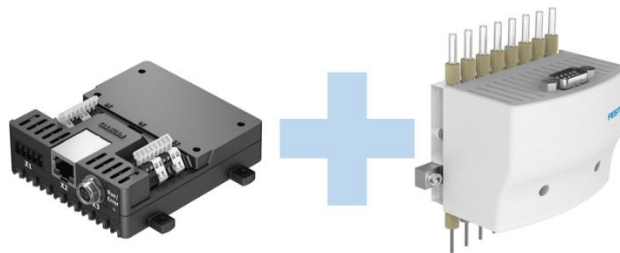


VTOE-8... in combination with VAEM-V-S8...

How VTOE-8... is used in combination with VAEM-V-S8....

VTOE-8... ;
VAEM-V-S8...



TitleVTOE-8... in combination with VAEM-V-S8...
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1 Components/Software used

Type/Name	Version Software/Firmware	Date of manufacture
Valve control module VAEM GUI	ab 1.1.4.0	30.10.2019
VAEM-V-S8...	--	--
VTOE-8-...	--	--

Tabelle 1.1: Components/Software used

2 Note

Voltage-controlled operation only is possible when using the valve control module VAEM-V-S8... with a dispense head VTOE-8.... This means that holding current reduction cannot be implemented. The valves of the dispense head VTOE-8... are actuated at the specified nominal voltage throughout the complete activation period.

3 Installation

The following wiring is required in order to guarantee trouble-free operation.

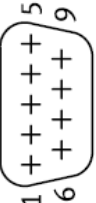
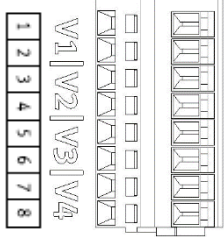
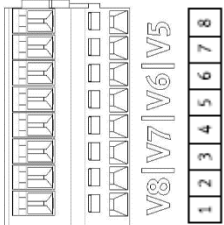
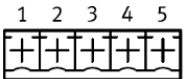
VTOE-8...			VAEM-V-S8...		
Symbol	Connec- tion	Function	Connection	Function	Symbol
	Pin 1	Power supply valve 1	X5 – pin 1	Power supply valve 1	
			X5 – pin 2	Not connected	
	Pin 2	Power supply valve 2	X5 – pin 3	Power supply valve 2	
			X5 – pin 4	Not connected	
	Pin 3	Power supply valve 3	X5 – pin 5	Power supply valve 3	
			X5 – pin 6	Not connected	
	Pin 4	Power supply valve 4	X5 – pin 7	Power supply valve 4	
			X5 – pin 8	Not connected	
			X6 – pin 8	Not connected	
	Pin 5	Power supply valve 5	X6 – pin 7	Power supply valve 5	
			X6 – pin 6	Not connected	
	Pin 6	Power supply valve 6	X6 – pin 5	Power supply valve 6	
			X6 – pin 4	Not connected	
	Pin 7	Power supply valve 7	X6 – pin 3	Power supply valve 7	
			X6 – pin 2	Not connected	
	Pin 8	Power supply valve 8	X6 – pin 1	Power supply valve 8	
	Pin 9	Earth valves 1 – V 8	X1 – pin 2	Earth valves 1 – V 8	

Table 3.1: Installation

4 Software setting

The following settings are required in order to guarantee trouble-free operation.

4.1 GUI herunterladen

Download and unpack valve control module VAEM GUI from the Festo Support Portal.

The screenshot shows the Festo Support Portal interface. At the top, there is a search bar and navigation links. The main content area displays search results for 'VAEM'. A red box highlights the 'Ventil-Ansteuerungsmodul VAEM GUI' entry, which has version 1.1.4.0 and a release date of 30.10.2019. Below this, other entries like 'Ventil-Ansteuerungsmodul VAEM Firmware' and 'Ventil-Ansteuerungsmodul VAEM API' are listed.

Beschreibung	Version	Ergebnis filtern
IO-Link IODD	21.10.2019	→ Gerätebeschreibungsdatei → Datei- und Sprachversionen ★★★★★ (59)
Gerätebeschreibungsdatei: IODD (IO-Link Device Description) für Festo VAEM-L1-S-xx-PT / VAEM-L1-S-xx-PTL		
Ventil-Ansteuerungsmodul VAEM GUI	1.1.4.0 30.10.2019	→ Software → Datei- und Sprachversionen ★★★★★
Ventil-Ansteuerungsmodul VAEM Firmware	1.1.7.0 22.10.2019	→ Software → Datei- und Sprachversionen ★★★★★
Ventil-Ansteuerungsmodul VAEM API	1.1.1.0 22.10.2019	→ Software → Datei- und Sprachversionen ★★★★★

Detaillierte Produktinformationen (z.B. CAD-Unterstützung und Datenblatt) erhalten Sie bei der Suche mit Teile-Nr. oder Bestellcode. Sollten diese nicht vorliegen, nutzen Sie die → Produktauswahl im Katalog.

[RSS abonnieren](#)

Bild 4.1: GUI

4.2 Disable error handling

Establish communications connection between VAEM-V-S8... and GUI.

4.2.1 Adapt object

Data type: UINT08

Index: 45

Subindex: 0

Value: 1

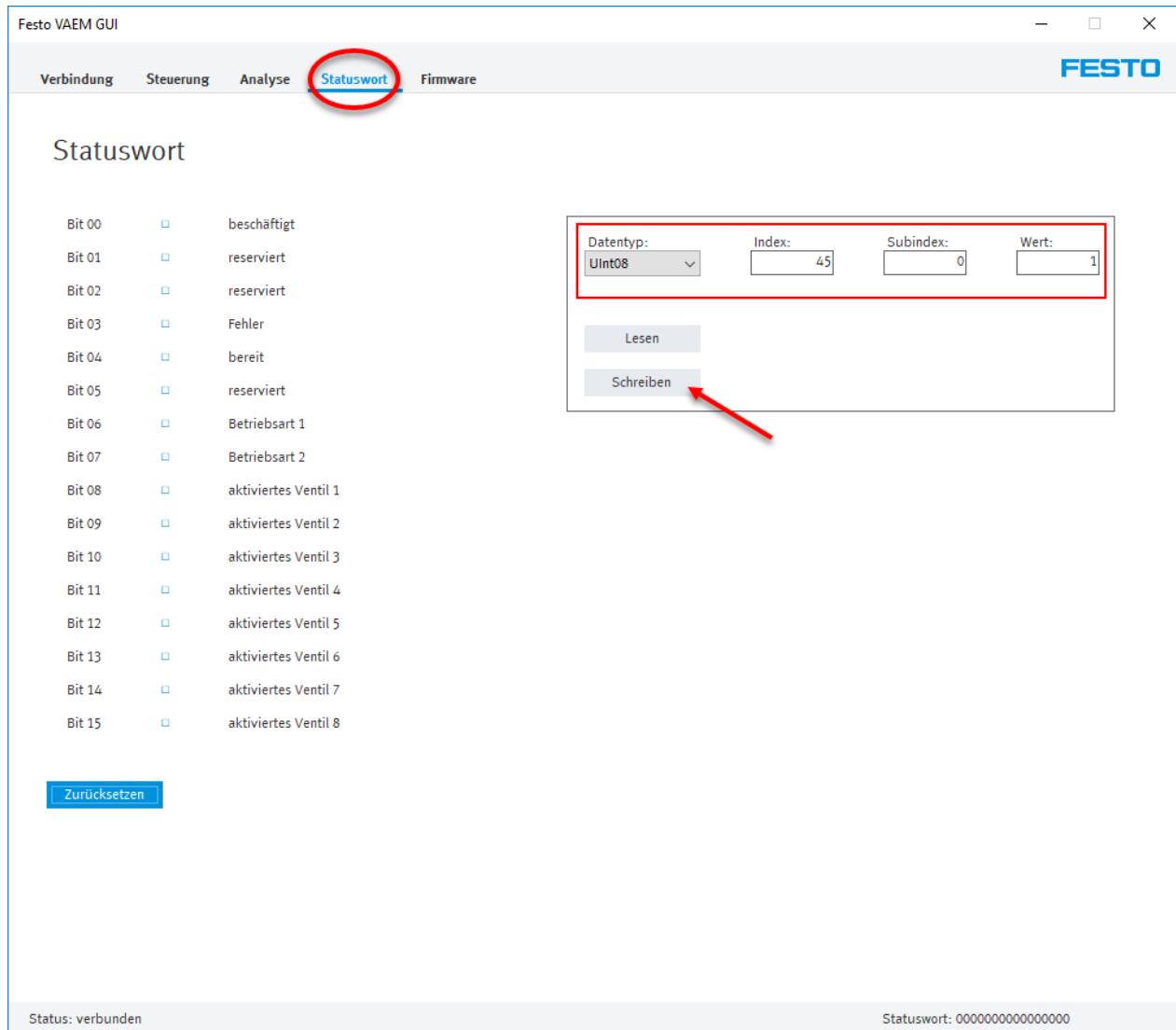


Bild 4.2: Status word

4.2.2 Save flash

Festo VAEM GUI

Verbindung **Steuerung** Analyse Statuswort Firmware **FESTO**

Ventil aktiv	Nennspannung (mV)	Anzugsstrom (mA)	Haltestrom (mA)	Tau (* 0,2ms)	Anzugszeit (* 0,2ms)	Aktivierungszeit (* 0,2ms)	Verzögerungszeit (* 0,2ms)
1 ☒	24000	300	100	100	125	500	0
2 ☒	24000	300	100	100	125	500	0
3 ☒	24000	300	100	100	125	500	0
4 ☒	24000	300	100	100	125	500	0
5 ☒	24000	300	100	100	125	500	0
6 ☒	24000	300	100	100	125	500	0
7 ☒	24000	300	100	100	125	500	0
8 ☒	24000	300	100	100	125	500	0

Betriebsart: internal start

Ventile starten Flash sichern Zurücksetzen

Status: verbunden Statuswort: 1111111100010000

Bild 4.3: Save flash