

CONTOIL[®] DN15 - 50

VZF II / VZFA II




List of parameters

Default parameters are in ***bold - italic*** letters

Customized parameters

In order to adjust the parameters, scroll to the [SEtUP] item from the Main Menu and press the Enter key.

No code is required to view parameters.

To adjust any parameter in the Seutp menu, the device must be unlocked () with the user code. Press both keys ( + ) simultaneously for 4 seconds until **[CodE0000]** is displayed.

Settings apply to:

Yellow highlighted values can be preset in the factory

Default parameters VZF II / VZFA II

Parameter	Description	Cust Set
Setup menu		
Unit volume	<i>L, G, m³</i>	
Unit time	<i>s, min, h</i>	
Unit temperature	<i>°C, °F</i>	
Unit mass	<i>kg, t, lb</i>	
Nominal size*	15, 20 , 25, 40, 50	
Measuring chamber*	default: per selected size, or calibrated value	
Trip Reset		
Reset yes / no	<i>yes, no</i>	
Low flow cut off	<i>Qstart, 0...Qmin</i>	
Compensation	<i>off, on</i>	
Mass Compensation	<i>off, on</i>	
Oil Fuel	<i>Oil Fuel, Oil Lube</i>	
°t Limit	<i>60°C, 0...200°C (32...392°F)</i>	
dd_kg/m3	<i>880kg/m³, 800...1200kg/m³ (@ 15°C)</i>	
dH_kg/m3	<i>990kg/m³, 800...1200kg/m³ (@ 15°C)</i>	
dL_kg/m3	<i>900kg/m³, 800...1200kg/m³ (@ 15°C)</i>	

Output 1	<i>Volume, Flow, Mass, Mass Flow, Limit, State, off</i>	Volume
Volume output		
Pulse width	<i>50ms, 2...500ms</i>	
Unit per pulse	<i>1UPP, 0.001...1000UPP [0.1UPP DN15]</i>	
Flow output		
Min Flow	<i>Qmin, 0...Qmax</i>	
Min Frequency	<i>20Hz, 1...200Hz</i>	
Max Flow	<i>Qcont, 0...Qmax</i>	
Max Frequency	<i>200Hz, 1...200Hz</i>	
Mass output		
Pulse width	<i>50ms, 2...500ms</i>	
Unit per pulse	<i>1UPP, 0.001...1000UPP [0.1UPP...DN15]</i>	
Mass Flow output		
Min Flow	<i>Qmin, 0...Qmax</i>	
Min Frequency	<i>20Hz, 1...200Hz</i>	
Max Flow	<i>Qcont, 0...Qmax</i>	
Max Frequency	<i>200Hz, 1...200Hz</i>	
Limit output		
Limit min	<i>Qmin, full range of size</i>	
Limit max	<i>Qmax, full range of size</i>	
Hysteresis	<i>1%, 1...9% (possible rename to Threshold)??</i>	
Logic position	<i>Logic Hi, Logic Lo</i>	
State output		
State behavior	<i>Error, Alarm, UCC</i>	
Logic position	<i>Logic Hi, Logic Lo</i>	

Parameter	Description	Cust Set
Output 2	Volume , Flow, Mass, Mass Flow, Temperature, Limit, State, off	Volume
Volume output		
Pulse width	50ms , 2...500ms	
Unit per pulse	1UPP , 0.001...1000UPP [0.1UPP DN15]	
Flow output		
Min Flow	Qmin , 0...Qmax	
Min Frequency	20Hz , 1...200Hz	
Max Flow	Qcont , 0...Qmax	
Max Frequency	200Hz , 1...200Hz	
Mass output		
Pulse width	50ms , 2...500ms	
Unit per pulse	1UPP , 0.001...1000UPP [0.1UPP...DN15]	
Mass Flow output		
Min Flow	Qmin , 0...Qmax	
Min Frequency	20Hz , 1...200Hz	
Max Flow	Qcont , 0...Qmax	
Max Frequency	200Hz , 1...200Hz	
Temperature output		
Min Temperature	20°C / 68°F , 0...Tmax	
Min Frequency	20Hz , 1...200Hz	
Max Temperature	100°C / 212°F , 0...Tmax (Tmax = 200°C / 392°F)	
Max Frequency	200Hz , 1...200Hz	
Limit output		
Limit min	Qmin , full range of size	
Limit max	Qmax , full range of size	
Hysteresis	1% , 1...9% (possible rename to Threshold)??	
Logic position	Logic Hi , Logic Lo	
State output		
State behavior	Error , Alarm, UCC	
Logic position	Logic Hi , Logic Lo	

Analog Output	Flow, Mass Flow, Temperature, off	off
Analog Output Flow		
Min Value	0 , 0...Qmax	
Max Value	Qcont , 0...Qmax	
tAU value	4 , 0...9	
Analog Output Temperture		
Min Value	20 , 0...Tmax	
Max Value	100°C / 212°F , 0...Tmax (Tmax = 200°C / 392°F)	
tAU value	4 , 0...9	
Analog Output Mass Flow		
Min Value	0 , 0...Qmax	
Max Value	Qcont , 0...Qmax	
tAU value	4 , 0...9	

U Code*	access with user code on / off	
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*edit access for service technicians only

Notes:

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