

MODBUS RTU MC608 CMD04

1. MODBUS REGISTRERS COMMAND 04

CMD04 (read-only variables)

MODBUS REGISTER	MODBUS ADDRESS	num. bytes	Data Type	description	DATA TYPE	Access (Read/Write)
3:0001	0000	4	Float	instantaneous measurement fluid velocity in m/s	m/s	R
3:0003	0002	4	Float	instantaneous measurement flow rate in m ³ /s	m ³ /s	R
3:0005	0004	4	Float	instantaneous measurement flow rate in kg/s	kg/s	R
3:0007	0006	4	Float	counter total positive in m ³	m ³	R
3:0009	0008	4	Float	counter total negative in m ³	m ³	R
3:0011	0010	4	Float	counter partial positive in m ³	m ³	R
3:0013	0012	4	Float	counter partial negative in m ³	m ³	R
3:0015	0014	4	Float	Specific weight set for mass counters in kg/m ³	kg/m ³	R
3:0017	0016	4	Float	counter total positive in kg	kg	R
3:0019	0018	4	Float	counter total negative in kg	kg	R
3:0021	0020	4	Float	counter partial positive in kg	kg	R
3:0023	0022	4	Float	counter partial negative in kg	kg	R
3:0025	0024	2	Int16	index technical unit current flow rate	See TU volume chart	R
3:0026	0025	2	Int16	index technical unit current time flow rate	See time units chart	R
3:0027	0026	4	Float	measure instantaneous fluid flow in the units set	Reg-0024 / reg-0025	R
3:0029	0028	2	Int16	index technical unit counter current set	See TU volume chart	R
3:0030	0029	4	Float	counter total positive in the current technical unit	reg-0028	R
3:0032	0031	4	Float	counter total negative in the current technical unit	reg-0028	R
3:0034	0033	4	Float	counter partial positive in the current technical unit	reg-0028	R
3:0036	0035	4	Float	counter partial negative in the current technical unit	ireg-0028	R
3:0038	0037	4	Float	Pulse volume in m ³	m ³	R
3:0040	0039	2	Int16	Pulse volume in the current technical unit	See TU volume chart	R
3:0041	0040	4	Float	Pulse volume in the set technical unit	reg-0039	R
3:0043	0042	4	Float	PCB temperature	°C/°F	R
3:0047	0046	2	Int16	Sampling Frequency	0: Continuous * 1: Battery * 2: any 3: continuous 4: seconds	R
3:0048	0047	2	Int16	Current year	YY	R
3:0049	0048	2	Int16	Current month	MM	R
3:0050	0049	2	Int16	Current day	GG	R
3:0051	0050	2	Int16	Hours	hh	R
3:0052	0051	2	Int16	minutes	mm	R
3:0054	0053	4	float	* Full scale (FS) in the current technical unit	reg-0024/reg-0025	R
3:0056	0055	4	float	* Actual flow rate % on the FS	%	R
3:0058	0057	4	float	* Expansion Temperature (EXP opz.)	°C/°F	R
3:0065	0064	4	float	* Expansion Pressure (EXO opz.)	bar	R

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(*)FW version from 3.00 and latest

Technical Units volume chart	1	2	3	4	5	6	7	8	9	10	11	12	13
	ml	cl	dl	l	dal	hl	m ³	MI	in ³	ft ³	gal	bbl	oz

Time units	1	2	3	4
	/s	/min	/h	/GG