



RS232 Protocol for the V2.072e/d software

Interface function

The RS232 interface for the V2.072 software has a READABLE display function. This means that only the data displayed can be read out. It is not possible to read out nor to enter other programming parameters. The display gets each one second automatically transmitted to the interface. There is no need for further configurations.

Protocol

The display consists of 4 lines à 16 characters; all 4 lines à 16 characters are separated by a CR (0D) and LF (0A). See table.

ASCII

Characters	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Q→ 0.00000 l/h	Q	→				0	.	0	0	0	0	0		l	/	h	CR	LF
Σ→ 0 l	Σ	→										0			l		CR	LF
Σ← 0 l	Σ	←										0			l		CR	LF
V2.072d 31.01.99	V	2	.	0	7	2	d		3	1	.	0	1	.	9	9	CR	LF

HEX

Q→ 0.00000 l/h	51	7E	20	20	20	30	2E	30	30	30	30	30	20	6C	2F	68	0D	0A
Σ→ 0 l	E6	7E	20	20	20	20	20	20	20	20	20	30	20	20	6C	20	0D	0A
Σ← 0 l	E6	7F	20	20	20	20	20	20	20	20	30	20	20	6C	20	0D	0A	
V2.072d 31.01.99	56	32	2E	30	37	32	64	20	33	31	2E	30	31	2E	39	39	0D	0A

Interface configuration

Baud = 9600

Databits = 8

Stopbits = 1

Parity = none

Protocol = none

PC connection

The PC connection is made possible upon a 9 pole plug to a serial port (COM). PIN assignment as follows:

Primo clamp 4 (TxD) Plug PIN 2

Primo clamp 1 (GND) Plug PIN 5

Note

The transmission can very easily be represented on a PC upon any Windows® terminal programm.