E2 interface:

Addition to the specification E2 interface “specification E2-interface_e2.doc”:

These parameters/values[hex] can be read by the E2 interface:

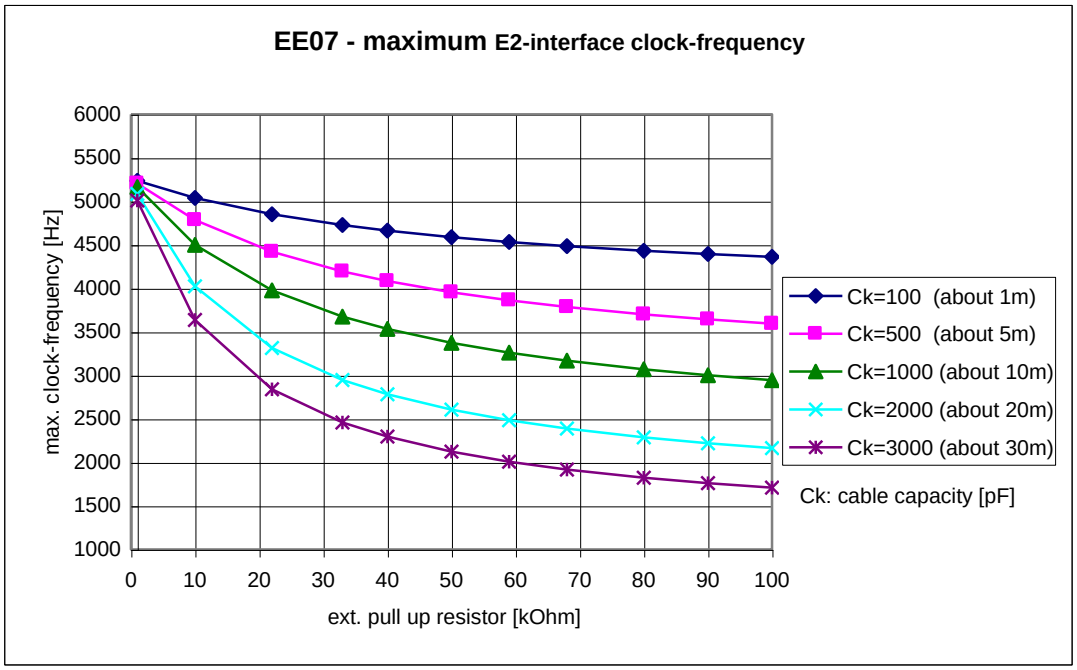
EE07:

command:	return-value	kind	format	measuring-range	output:
Group	0x07				
Sub-Group	0x*9				
Available measuring-values	0x03				
Statusbyte:	0x0x				
Measuring value 1:		Humidity	unsig. int	0 - 100%rH	1/100%rH
Measuring value 2:		Temperature	unsig. int	233,15 - 353,15°K	1/100°K
Measuring value 3:		Not defined			
Measuring value 4:		Not defined			

* depending on product version (e.g. 0x29)

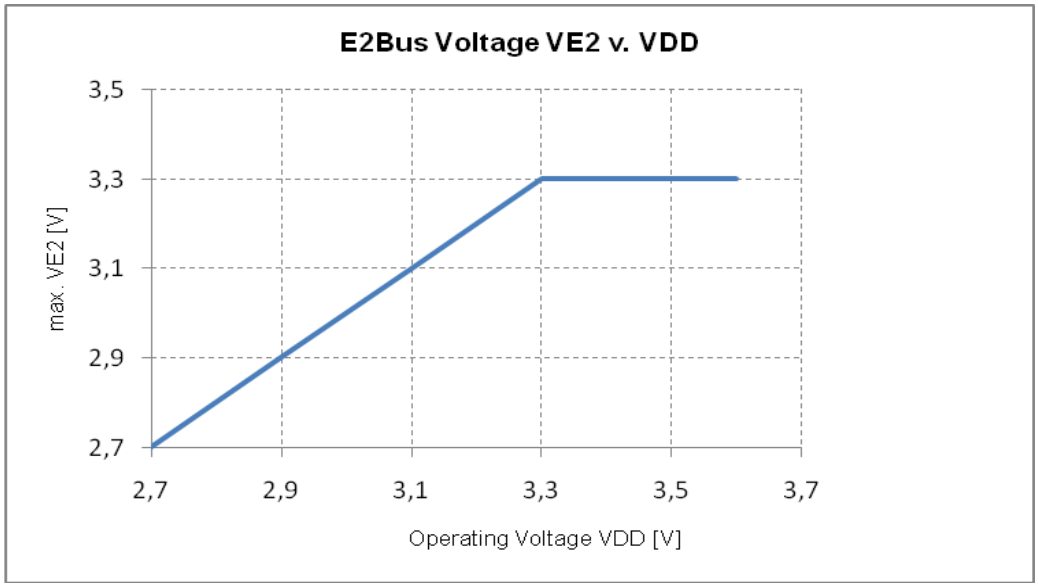
Symbol	Parameter	Minimum	Maximum	Unit	Remark
R_{up}	Pull-up resistor	10	100	kΩ	See remark 1

Remark 1: The maximum data rate that can be achieved is dependent on the combination of the line capacity and the pull-up resistors.



EE07-02:

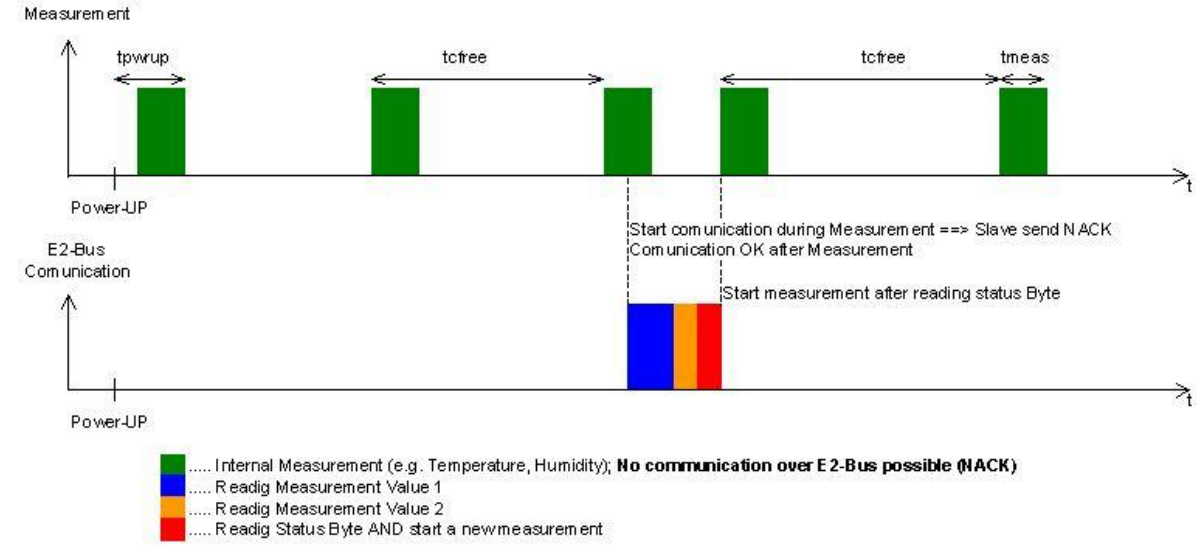
E2Bus voltage versus operating voltage:



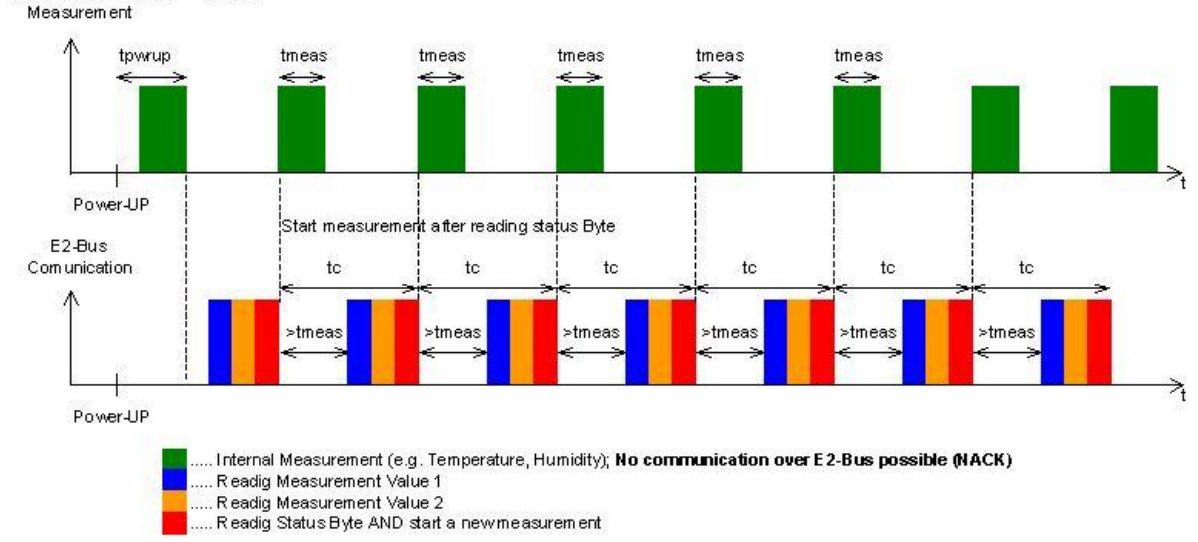
Measurement Timing

	typical	maximum
t_{pwrup}	270 ms	300 ms
t_{meas}	260 ms	300 ms
t_{cfree}	1 sec	

1.) Free running mode



2.) Trigger mode (tc < tcfree)



Revision: add chart “E2Bus voltage versus operating voltage”