E2 interface:

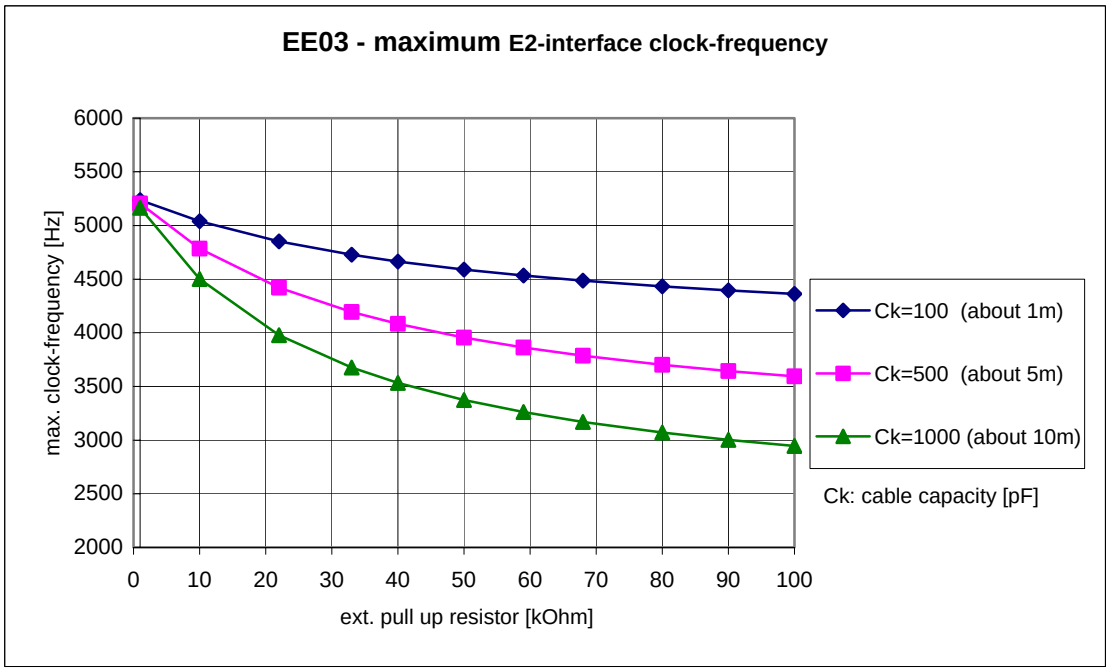
Addition to the specification E2 interface “specification E2-interface_e2.doc”:

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

EE03:

command:	return-value	kind	format	measuring-range	output:
Group	0x03				
Sub-Group	0x09				
Available measuring-values	0x03				
Statusbyte:[1)]	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			

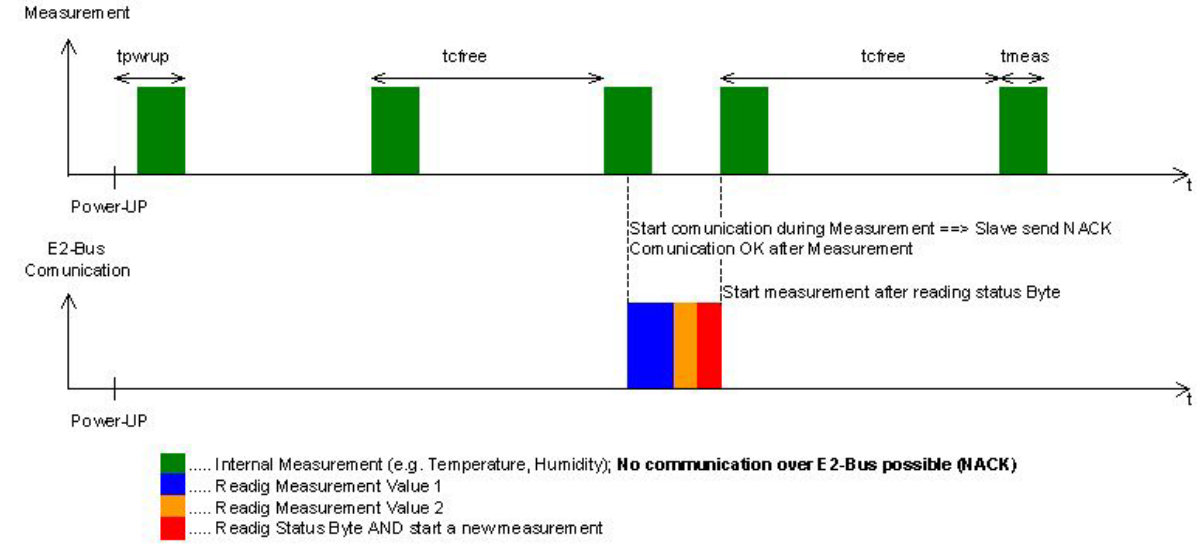
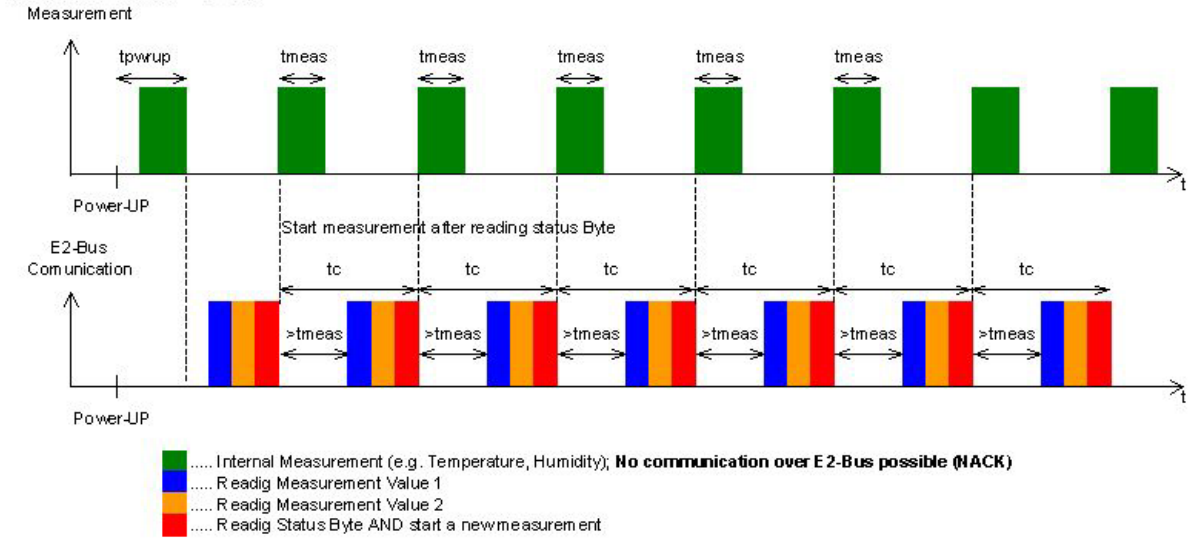
[1)] only a **broken sensor** can be indicated (no sensor short circuit - indication).



Measurement Timing

	minimum	typical	maximum
t_{pwrup}		350 ms	600 ms
t_{meas}		250 ms	450 ms
t_{cfree} @2,5V & +25°C @3,3V & -40°C **@3,3V & +25°C** @3,3V & +85°C @5,5V & +25°C		3,4 sec 2,1 sec **3,0 sec** 3,8 sec 2,5 sec	

1.) Free running mode



2.) Trigger mode (tc < tcfree)