

## E2 interface:

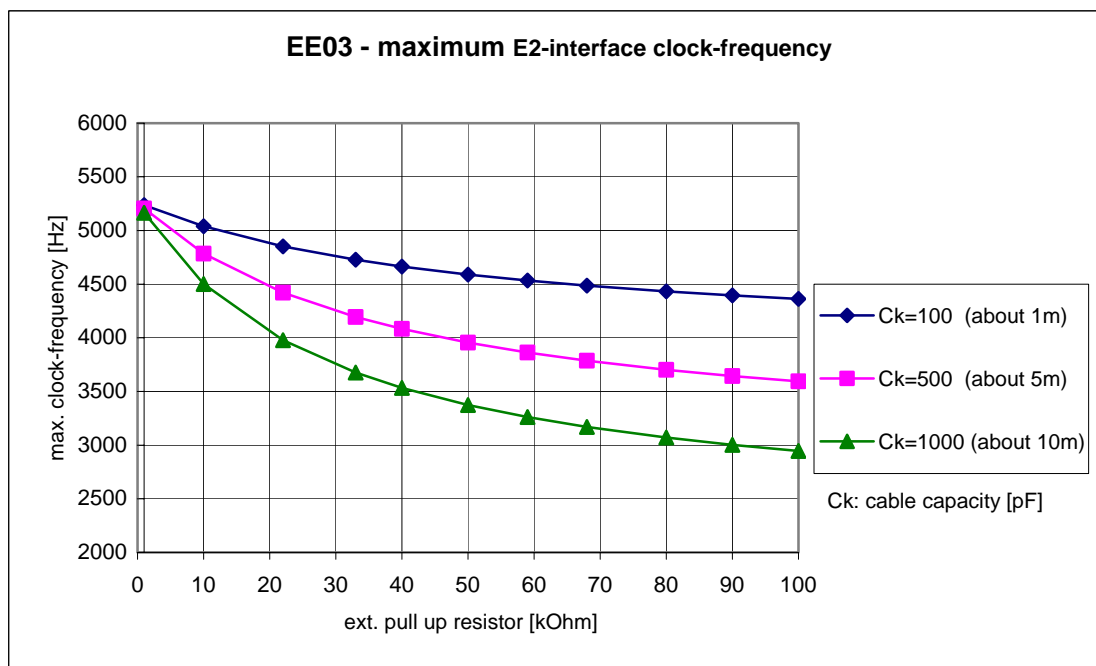
Addition to the specification E2 interface "specification E2-interface\_e2.doc":

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: <sup>1)</sup>	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			

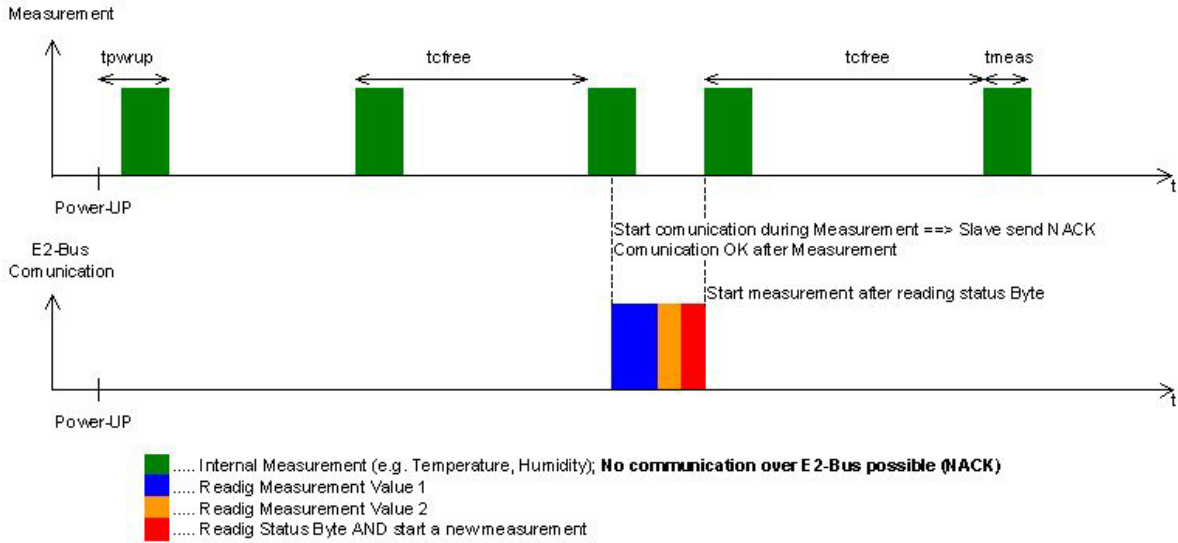
<sup>1)</sup> only a **broken sensor** can be indicated (no sensor short circuit - indication).



## 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 <b>@3,3V &amp; +25°C</b> @3,3V & +85°C @5,5V & +25°C	3,4 sec 2,1 sec <b>3,0 sec</b> 3,8 sec 2,5 sec	

### 1.) Free running mode



### 2.) Trigger mode ( $t_c < t_{cfree}$ )

