

## Excelg 6 Modbus over serial line interface

### Interface

COM port	Assigned on installation
Slave address	1
Baud rate	57600
Format	8 data, No parity, 2 stop
Reply delay (ms)	20 max

### Supported functions

Read register	0x03, 0x04
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### Address table

<u>Address</u>	<u>Description</u>	<u>Data type</u>	<u>Array size</u>
0x1000	Unfiltered temperature <sup>1</sup>	Int32	6
0x100C	Differential temperature <sup>1</sup>	Int32	6
0x1018	Cold junction temperature <sup>1</sup>	Int32	4
0x1020	Voltage ( $\mu$ V)	Int32	4
0x1028	Resistance (m $\Omega$ )	Int32	2
0x102C	Maximum temperature <sup>1</sup>	Int32	6
0x1038	Minimum temperature <sup>1</sup>	Int32	6
0x1044	Average temperature <sup>1</sup>	Int32	6
0x1050	Standard deviation <sup>2</sup>	Int32	6
0x105C	Alarm 1 status 0 = Alarm 1 not triggered 1 = Alarm 1 triggered	UInt16	6
0x1062	Alarm 2 status 0 = Alarm 2 not triggered 1 = Alarm 2 triggered	UInt16	6
0x1068	Channel type 0 = Type K 1 = Type J 2 = Type T 3 = Type N 4 = Type E 5 = Type R 6 = Type S 7 = PT100 2-wire 8 = PT200 2-wire 9 = PT500 2-wire 10 = PT1000 2-wire 11 = PT100 3-wire 12 = PT200 3-wire 13 = PT500 3-wire 14 = PT1000 3-wire	UInt16	6
0x106E	Units 0 = $^{\circ}$ C, 1 = $^{\circ}$ F	UInt16	1

<sup>1</sup> Least significant bit is 0.1, units specified by "Units" register

<sup>2</sup> Least significant bit is 0.001, units specified by "Units" register

For further information please refer to <http://www.modbus.org/specs.php>

For FTDI drivers please visit <http://www.ftdichip.com/FTDrivers.htm>