

Excelog-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

Address table

| <u>Address</u> | <u>Description</u> | <u>Data type</u> | <u>Array size</u> |
|----------------|---|------------------|-------------------|
| 0x1000 | Unfiltered temperature ¹ | Int32 | 6 |
| 0x100C | Differential temperature ¹ | Int32 | 6 |
| 0x1018 | Cold junction temperature ¹ | Int32 | 4 |
| 0x1020 | Voltage (μ V) | Int32 | 4 |
| 0x1028 | Resistance (m Ω) | Int32 | 2 |
| 0x102C | Maximum temperature ¹ | Int32 | 6 |
| 0x1038 | Minimum temperature ¹ | Int32 | 6 |
| 0x1044 | Average temperature ¹ | Int32 | 6 |
| 0x1050 | Standard deviation ² | 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 = °C, 1 = °F | UInt16 | 1 |

¹ Least significant bit is 0.1, units specified by "Units" register

² 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>