

P 5144 USB communication protocol

CP2102 , 9600, 8 digits, stop bit 1.

Offset	(byte)	describe
0	1	0xD5 ;unsigned char TxHead;
1	1	0x01;unsigned char TxProtocolVersion;
2	1	0x00 ;unsigned char TxDataLengthHigh;
3	1	0x10;unsigned char TxDataLengthLow;//
4	1	0x00 ;unsigned char TxDisplaySelect;//
5	1	0xC3 ;unsigned char TxCommand;//
6	1	0x00 ;unsigned char TxRange;//reserve
7	1	0x01 ;unsigned char TxChannelCount;//
8	1	0x08 ;unsigned char TxChannellLength;//
9	1	0x00 ;unsigned char TxFlag;//reserve
10	1	0x00 ;unsigned char TxCustomDataTypes;//custom
11	1	0x00 ;unsigned char TxReserve;//reserve
12	4	Pressure data float TxPressureFloatNumber; data[15]data[14]data[13]data[12] (LSB)
16	1	0x01: 1 decimal digits 0x02 : 2 decimal digits 0x03 : 3 decimal digits 0x04 : 4 decimal digits 0xF1: OL
17	1	0x00 :normal state 0x26:DIF
18	1	0x43 bar 0x44 oz/in ² 0x45 psi 0x46 inHg; 0x47 mbar; 0x48 mmHg; 0x2E KPa; 0x49 kg/cm ² ; 0x4A inH2O; 0x4B ftH2O; 0x4C cmH2O; 0x58 mHg 0x59 mH2O
19	1	0x00
20	1	0x0D ;unsigned char TxTail;