

endiio interfaces

Supported Sensors:

#	NAME	MANUFACTURER	TYPE	IF
1	HYT131	B+B Thermotechnik	T, RH%	I ² C
2	THMOD-I2C-300	B+B Thermotechnik	T	I ² C
3	THMOD-I2C-800	B+B Thermotechnik	T	I ² C
4	TEMOD	B+B Thermotechnik	T	I ² C
5	MAX44009	Maxim Integrated	Lux	I ² C
6	MPU-9250	TDK	Nine-Axis (Gyro + Accelerometer + Compass) MEMS MotionTracking™ Device	I ² C
7	BME280	BOSCH Sensortec	T, RH %, p	SPI
8	Fast Vibration Sensor Switch	Adafruit	non-directional vibration induced trigger switches	SPI
9	User defined Sensor SPI		Customized Sensor/Device which communicates in a predefined format over SPI	SPI
10	NTCS0805E3...T	Vishay BC components	T	Analog
11	SW-18010P/ SW-18015P/ SW-18020P	SAIA	Shock Sensor, adaptive trigger level	Analog
12	Reed contact Sensor		e.g. Approximation Sensor	Analog
13	User defined Sensor Analog		Analog Sensor (0-2,5 V / 0-10 V)	Analog
14	DS18B20	Maxim	T	1-Wire
15	DS2438	Maxim	Smart Battery Monitor	1-Wire
16	Tempar	Zeiss	T, RH %, p	Modbus
17	QM42VT2	Banner	T, vibration	Modbus
18	Inverter Driver Controller	Kostal	Motor current, IGBT Temperature, Rotations, Frequency,	Modbus



Interfaces:

#	NAME	LOCATION	TYPE
1	SPI	Sensor Unit	Hardware Interface (SPI Sensors)
2	I ² C	Sensor Unit	Hardware Interface (I ² C Sensors)
3	1-Wire	Sensor Unit	Hardware Interface (1-Wire Sensors - 1:N)
4	RS485	Sensor Unit	Hardware Interface (Modbus RTU)
5	RS232	Sensor Unit	Hardware Interface (UART) Applicable for GPS chips, GSM controller, etc.
6	Analog Input	Sensor Unit	Hardware Interface analogue sensors 0-2,5V / 0-10V analogue input
7	Digital Input	Sensor Unit	Hardware Interface digital 3,3V / 24V
8	MODBUS RTU	Sensor Unit	Modbus Sensors
9	USB	Dongle	Hardware Interface
10	RS232	Dongle	Hardware Interface (UART)
11	TCP Client	Gateway	SW Interface (CSV, JSON)
12	http	Gateway	SW Interface (REST, WebSocket)
13	MQTT	Gateway	SW Interface
14	NodeRed	Gateway	SW Interface (Protocol and data connector: Allows the implementation of special communication stacks, such as OPC UA or PROFINET)

