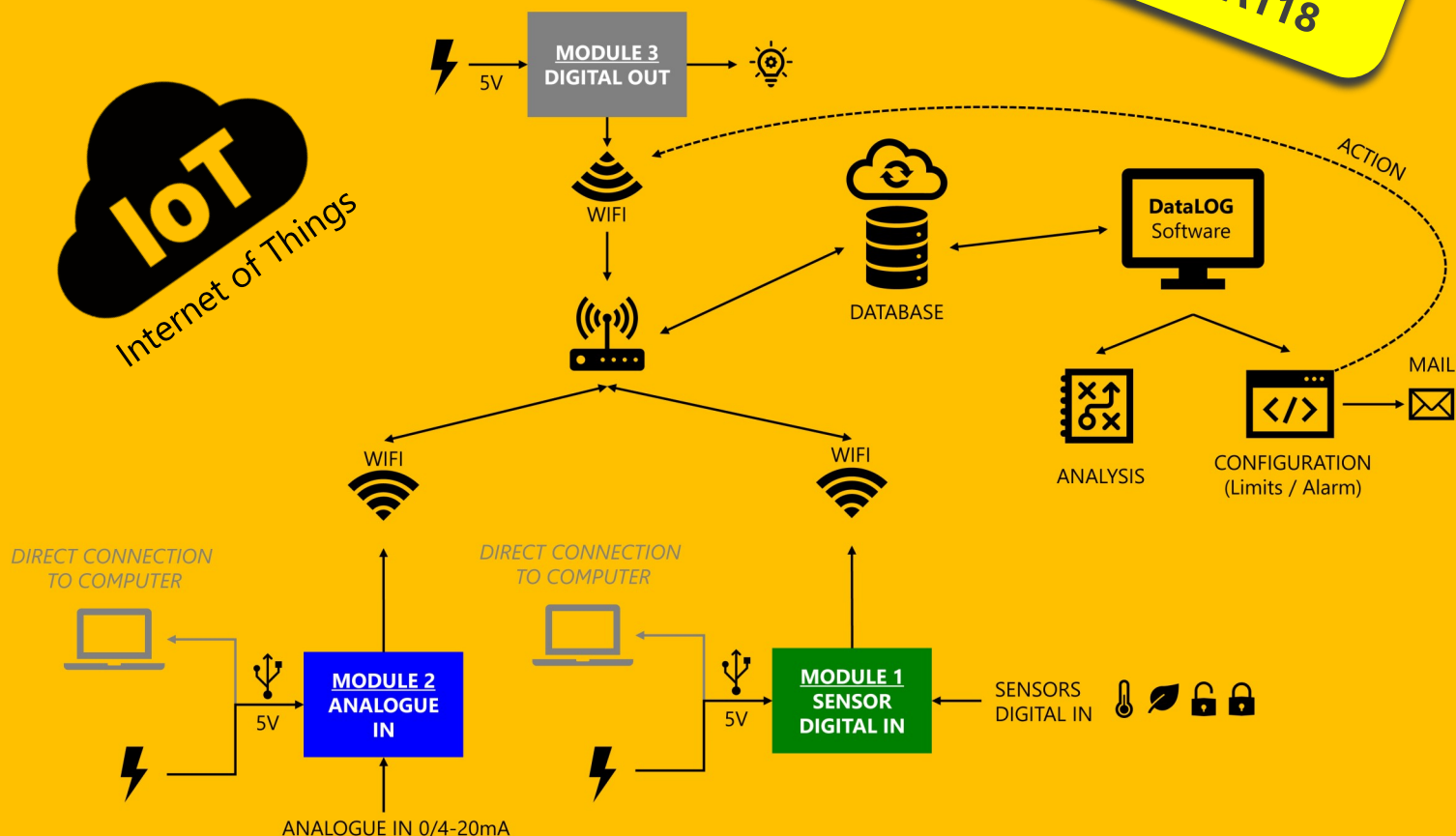


Becatron AG

DataLog System



DataLog

In the **DataLog system**, existing and new sensors and actuators can easily be integrated into one system. The individual modules' data is stored in a database using a wireless connection and can be displayed as a graph or evaluated in the central software.

Application

The potential uses of the **DataLog system** are limitless:

- Measuring temperature and humidity in rooms
- Measuring existing sensors with an analogue or digital output
- Issuing limit value alerts

Modules

The system currently consists of three different modules, all of which connect to your own WLAN.

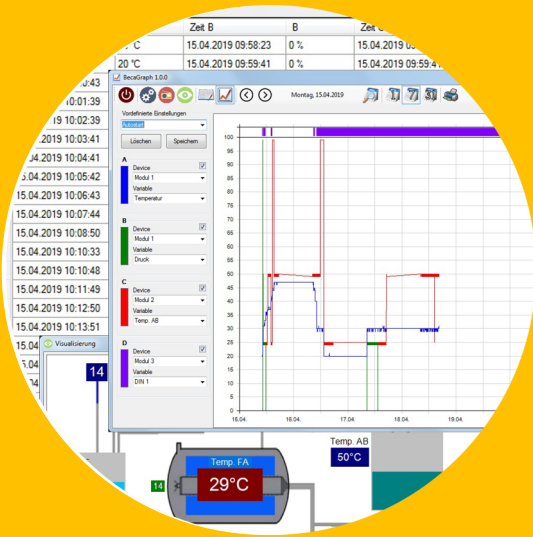
- Module 1: sensor (temperature and humidity/ digital input)
- Module 2: analogue input
- Module 3: digital output Issuing limit value alerts

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Data log system

DataLOG

A system for the acquisition of all measured values

TECHNICAL INFORMATION

MODULE 1: Sensor / Digital IN

Connections for the following sensors (only one):

- Temperature & humidity or
- Temperature 0 - 125 ° C, waterproof or
- 2 digital inputs

Power supply: 5V

Dimension: 51 x 72 x 22 mm

MODULE 2: Analogue IN

Connection:

- 1 analogue input

Power supply: 5V

Dimension: 51 x 72 x 22 mm

MODULE 3: Digital OUT

Connection:

- 1 digital output

Power supply: 5V

Dimension: 28 x 42 x 25 mm



PRINCIPLE

The various modules are integrated into their own WLAN and communicate with the **DataLOG** software. The software and the modules access an online database. The modules can be configured in the **DataLOG** software. Limit values can be set, alerts can be issued by email or an input module can be coupled to an output module. All the values are registered and can be displayed as a graph or even exported.

MODULES & ACCESSORIES

DLS - XX - X	Module	TYPE	SYMBOL	SENSOR / ACCESSORIES
01	Sensor / Digital IN	A	A	Temperature & humidity sensor 0.5 m cable
			B	Temperature 0-125 ° C, waterproof, 0.5 m cable
			C	0.5 m cable for 2 digital inputs
02	Analogue IN	A	A	0.5 m cable with connector for 1 analogue input 0/4 ... 20mA
03	Digital OUT	A	A	1 digital relay output, 10A 250VAC, screw terminal

DLZ - XX - XX	NO	ARTICLE	SYMBOL	DESCRIPTION
01	USB Power Cable, (1 m) with power adapter		CH	Swiss connector
			EU	European standard connector
			C	USB cable only, without power adapter
02	USB powerbank with USB cable	A	A	Power bank
03	WLAN		A	WLAN router preconfigured
			B	WLAN repeater preconfigured
04	Software license		A	1 - 5 modules license for 1 year
			B	6 - 10 modules license for 1 year
			C	11 - 20 modules license for 1 year
			D	21 - 50 modules license for 1 year