



HANDS ON THE FLM03E

FIRST EXPERIENCES

MARKUS GEBHARD, KARLSRUHE, AUGUST 2016

[HTTP://GITHUB.COM/GEHBARDM](http://github.com/gebhardm)

THE FLM03E IS...

- ... the newest generation of a community measurement appliance for energy, water, gas, environment
- ... a worthy successor of the FLM02
- ... designed and provided by Bart Van Der Meerssche@flukso.net



BOXED



50A current clamps
with smaller layout
and attached wires;
fast detection of
current and phase

Power Supply,
9V AC also for
voltage and phase
measurement

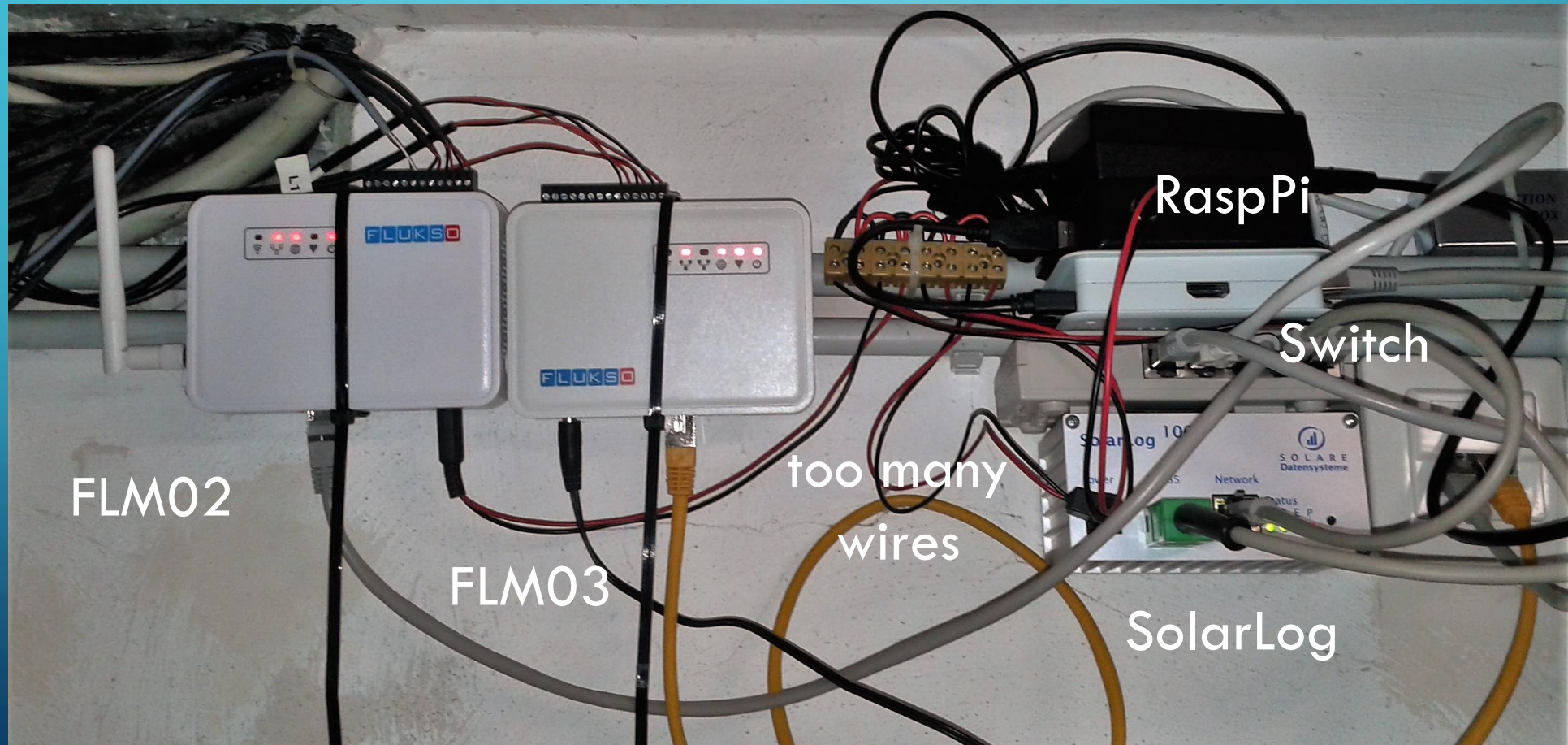
Base unit with
seven ports,
built-in WiFi and
868MHz communication

INSTALLATION – THE CURRENT CLAMPS

Clamping
the Mains
(mind your
fingers)



INSTALLATION – THE BASE UNIT



STARTING-UP – BASE CONFIGURATION

- Hardware

- Attach WAN port “to the internet” (modem/router side of your LAN)
- Attach LAN port to a PC/Mac you are about to use for configuration

- Software

- Browse <http://192.168.255.1> – your PC/Mac gets an IP-address from the FLM03E
- Login as user ‘root’ with default password ‘root’
- Configure your network and sensors (type and name)