

GREISINGER electronic GmbH

EASYBus Profibus Gateway

Product information

GW 110PB



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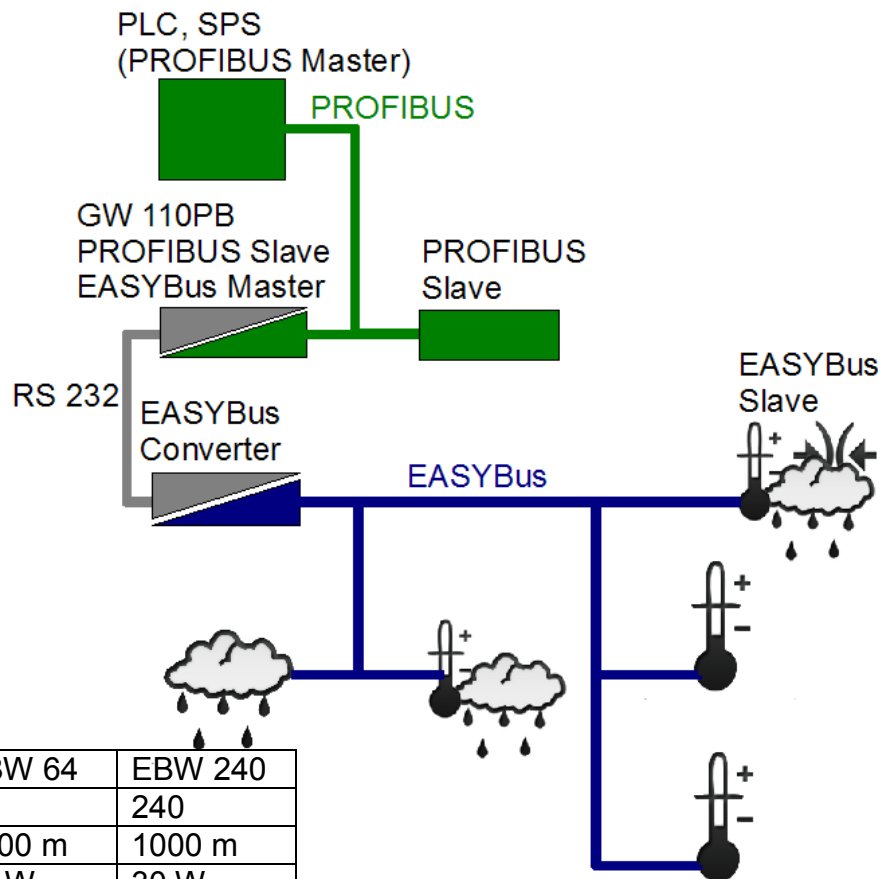
1 EASYBus Profibus Gateway

The GW 110PB connects from the EASYBus to the PROFIBUS.

A SPS, PLC, can easily gather measuring values or other data from an EASYBus module. You can connect and talk to any EASYBus module. An EASYBus level converter has to be connected to the EASYBus gateway via a DB-9 cable.

The level converter used sets the maximum EASYBus module count. Following EASYBus level converters can be used:

	EBW 1	EBW 64	EBW 240
Module count up to	9	64	240
Cable length up to	200 m	1000 m	1000 m
Power drain	5 W	15 W	30 W
Overload indication	no	yes	Yes



2 The EASYBus

The EASYBus is a low-cost 2-pin connection bus system based on the M-Bus system. The EASYBus features logger, programmable control loops, transducers, display modules and switching modules. The loggers have a battery runtime of up to 6 years. The devices are intended for fixed measuring, long-term-measuring or climate-supervision. The EASYBus can be connected in line, bus, star, tree or mixed bus-topology with a maximum length of up to 1000 m. The main advantages are the polarity-free 2-pin-connection and the supply of the modules over the bus-wiring. The easy and comfortable configuration and initialization of the EASYBus-modules is done with the free software tool EASYBus-Configurator (download at www.greisinger.de).

3 Advantages

Low-cost

- Sensor wiring with cheap 2-pin connection (mixable bus topology)
- No need of separate cabling (4 ... 20 mA or 0 ... 10 V) to each sensor
- No need of expensive analog input modules

Simple

- Polarity free 2-pin connection
- Mixable bus topology
- Supply (of most EASYBus-modules) directly over the EASYBus

4 Requirements

- EASYBus level converter with serial interface (EBW 1, EBW 3, EBW 64).
- Initialized EASYBus-System.
- Profibus Master (SPS, PLC or similar).