# Assembly instructions Beam-antenna for ALF

Fundamental:

This antenna is a beam-antenne designed for the 2.4 GHz WLAN frequency band with a performance gain of 17dbi. Through the rich performance gain and the strong signal bundling, very high distances can be bridged. The assembly takes place on a rod with diameter 38 - 51mm. The antenna cable must be tightly screwed after assembly, mounting the two antennas in direct alignment to each other.

Installation:
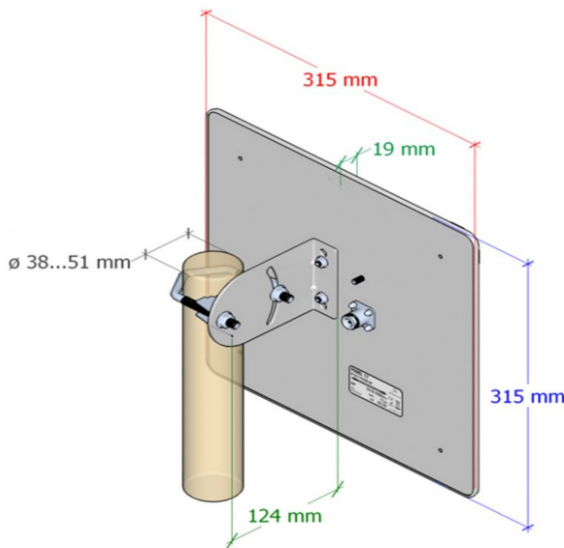
Attention: No liability for performance or durability problems, losses are taken over if the assembly was not carried out according to this manual.
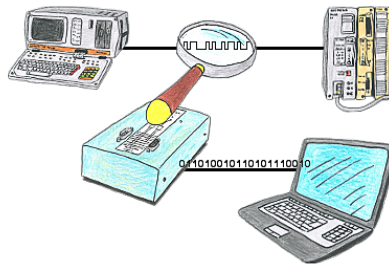
Menutree Website: **QR-Code Website:**

+ Products / docu / downloads
  + Accessories
   + Antennas / Accessories
      + Beam antenna for ALF

Please make sure to update your drivers before using our products.

---

Logging and analysis of communication data

You want check,why your application cant communicate with the PLC or why after some time past the communication will be broken? No problem, integrate the PG-FOX-hardware in this communication way and log through the PG-FOX-software on an PC the sended data in the exact time. So, you can later check the date and find a solution of the problem.
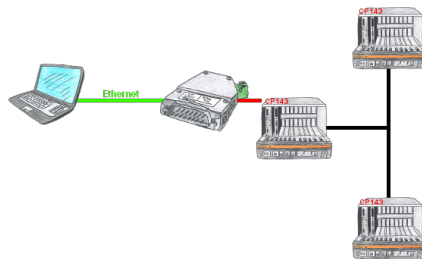
With the S5-H1-PG-LAN you would be able to use the H1-path-selection over the S5-LAN++ and communicate with all PLCs in the H1-bus. You dont have to connect serial to the CP, you can do this easy over your network.

Universal coupling
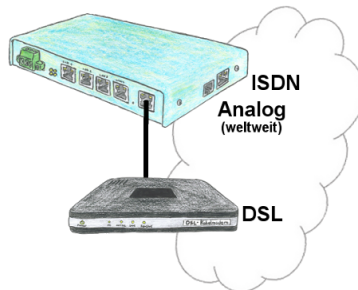
You need a family of devices with which you can solve all your requirements? No problem! With the TELE-router you are able to establish a connection via analog, ISDN or PPPoE (DSL cable modem). The devices are compatible with each other in each case, so that no further additional hardware is needed.
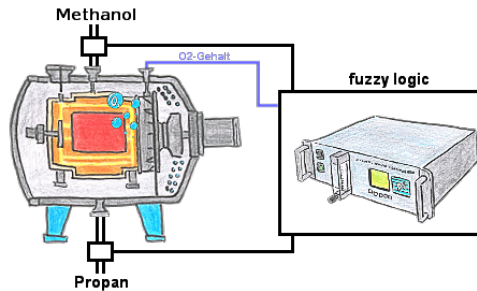
Through 3 free configurable limits (of each kind) you wont be able to realice a fuzzy-controller of your heat treatment furnace.

Malfunctions on the Bus although everything is (apparently) connected properly?
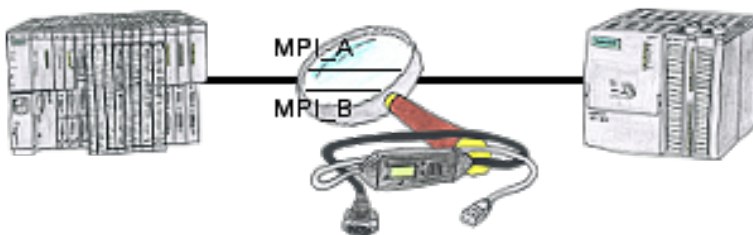
The S7-LAN can also be used for controlling/checking the MPI/Profibus. It will be plugged on the Bus so that you can take a look at the status of the busses via software on PC, for example the numbers of parity errors.