Technical data / connection
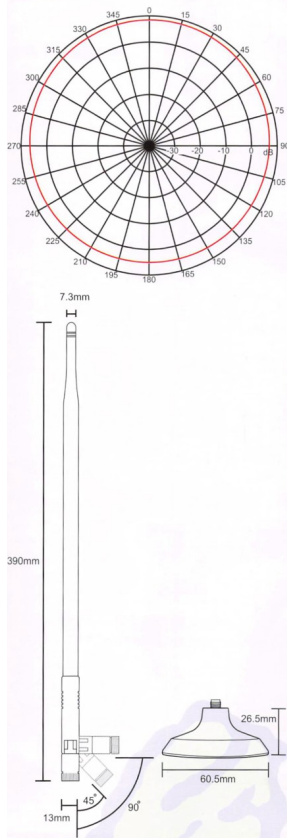# Magnetic base antenna for indoor use

Specification

Frequency range	2400 MHz – 2500 MHz
Gain	9.3 dBi
VSWR	≦1.6:1 Max.
Polarization	Linear, vertical
Impedance	50 Ω
Connector	R/P SMA PLUG

Environmental & Mechanical Characteristics

Temperature	-10℃ to +55℃
Humidity	95% @55℃

Connection:
Place the antenna base on a metal surface and screw on the rod.
Screw with feeling the cable on the device onto the WIFI socket.

Under the web-address https://www.process-informatik.de are product specific documentations or software-driver/-tools available to download. If you have questions or suggestions about the product, please don't hesitate to contact us.

Menutree Website: **QR-Code Website:**

+ Products / docu / downloads
  + Accessories
    + Antennas / Accessories
      + Magnetic base antenna for ALF / S5-/S7-BRIDGE / CONNECT

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

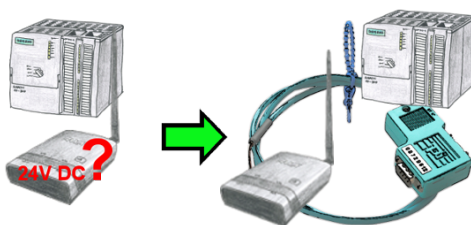| To switch a MESSI-output via SMS |
| --- |

SMS-Versenden.
PASS=12345 DO1=1,15

```
PASS=12345 DO1=1,15
|    |    |  |  |_ 15 Sekunden Schaltzeit (0 bedeutet dauernd an)
|    |    |  |_ 1 = EIN, 2 = AUS (bei AUS wird keine Schaltzeit beachtet)
|    |    |_____ DO1 Schlüsselwort für Digitalausgang (DO1 bis DO8 möglich)
|    |_____ Passwort aus dem Menüpunkt Gerätezugang
|_____ Schlüsselwort für Passwort
```
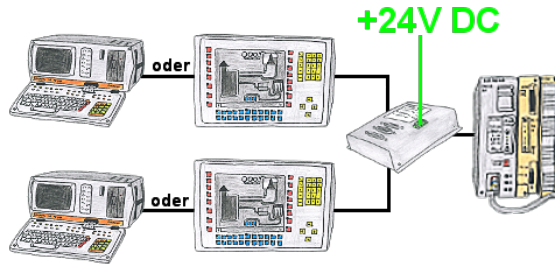
Switching an output via SMS is an integrated function of the MESSI. Herewith the switching operation will be secure and comprehensible from afar.

24V-supply from the PLC

You want to install your ALF directly in the switch-board and would like to use the 24V of the existing S7-PLC? No problem, connect the open ended side of the Kabelbrücke to the 24V port on your ALF and the bus-side on the MPI- or Profibus of this PLC. Even the ALF is supplied above this PLC.
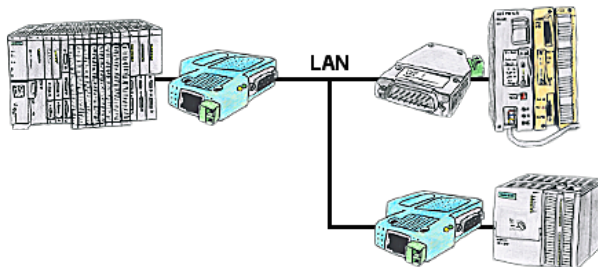
+24V DC

Your PD-interface of the S5-PLC is already occupied with a panel and you should accomplish program modifications without removing the panel? No problem, connect the Multiplexer one-time to the PLC and then connect the panel and also your PC to the Multiplexer. Now you can work parallel with the PLC without the need of affecting the operation of the panel. You can even work with 2 programming devices simultaneously, 2x open the same block, only changes which are stored at last will be finally stored in the PLC. Also ideal for trainings purposes if PLC's with IO´s are scare goods.

The 24V-version is ideal for control-cabinet-installation due to the smaller footprint. A universal multiplexer no matter what you connect at the two PG-sockets, both participants communicate parallel with the control.

PLC coupling (data exchange between PLC-devices)

LAN

Your pumping stations report the water levels of the central control via telephone network. The central office itself can of course transmit commands/messages to the substations as well. Thereto no dedicated line is required, it's sufficient when the stations connect via network (DSL-router).