

PSU POWER PACK

Input voltage 100–240 V AC

Output voltage 24 V DC

Power 10 W

Features

- For supplying operating voltage to one or several sensors
- Protected against short-circuiting, overload and excess temperature
- Low stand-by power consumption
- Housing with spray water protection
- Wall installation
- optional with WIFI module for MD sensors (Modbus RTU-TCP WIFI MD-Gateway)

www.asv-stuebbe.com/produkte/mess-und-regeltechnik



Use

- Based on DIN EN 61326-1, the interference resistance for use in basic electromagnetic environments was tested according to table 1.

Application

- For supplying operating voltage to up to 5 sensors
- optional with Modbus WIFI MD-Gateway for connection of one or several Modbus RTU sensors with one TCP network in “station mode“ or for direct communication of one mobile device with the connected Modbus RTU sensors

Version

- PSU
- PSU + WIFI (MD-Gateway)

Interfaces

- 24 V DC / 0–420 mA
- Modbus RTU / Modbus TCP WIFI MD-Gateway (optional)

ASV-Stübbe resistance guide

- www.asv-stuebbe.de/pdf_resistance/300051.pdf

Input voltage range

- 85–264 V AC (47–440 Hz)
- 120–370 V DC

Ambient temperature

- -30–70 °C

Idle power

PSU:

- 0.1 W (max.)

PSU + WIFI:

- 0.4 W (max.)

Activation surge current

- 40 A (max.)

Cable connections

- Cable outside diameter: 3–6 mm
- Nominal cross-section: 0.25 mm²

Weight

- 0.25 kg

Type of protection

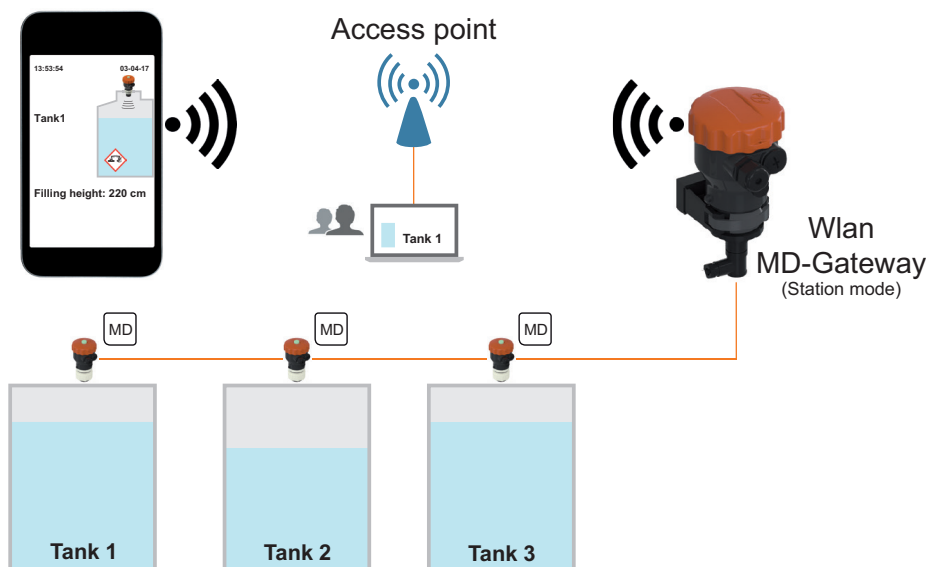
- IP 64

Option WIFI Modul

The MD-Gateway wifi provides two options for having MD sensor values displayed externally.

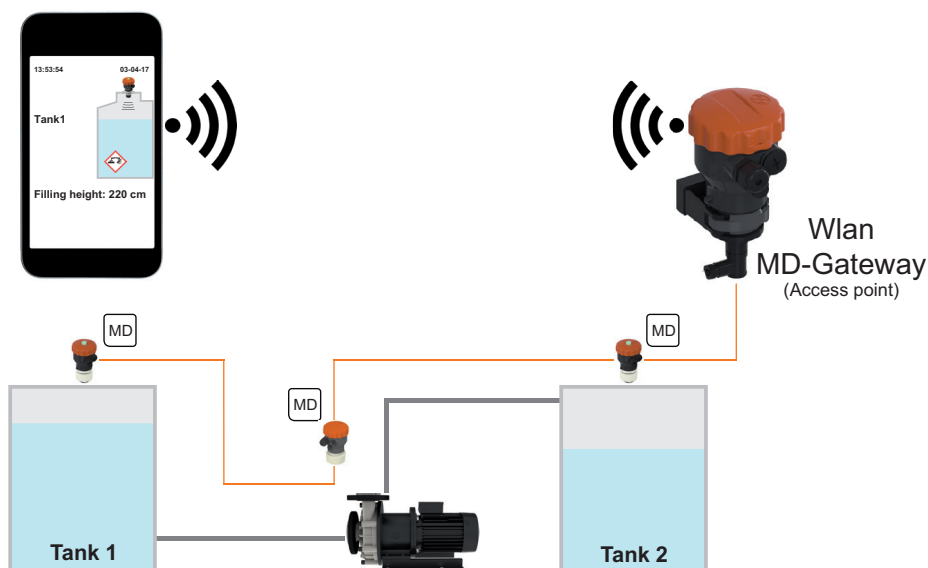
In Station mode (Fig. 1) the MD-Gateway can be integrated into a company network via an Access point. The signal can then be processed using HMI or SCADA applications. Furthermore there is the option of using mobile devices to access the values in the company network.

Fig. 1



With the Access point option (Fig. 2), the MD sensor values can be displayed directly on mobile devices, such as smartphones or tablet PCs. This makes it possible to have, for instance the filling levels of external depots, displayed without a company network.

Fig. 2



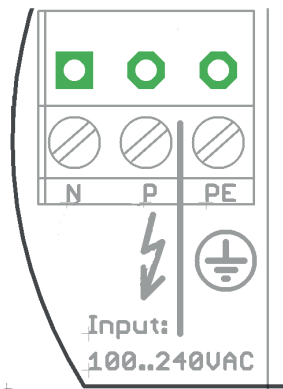
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Components



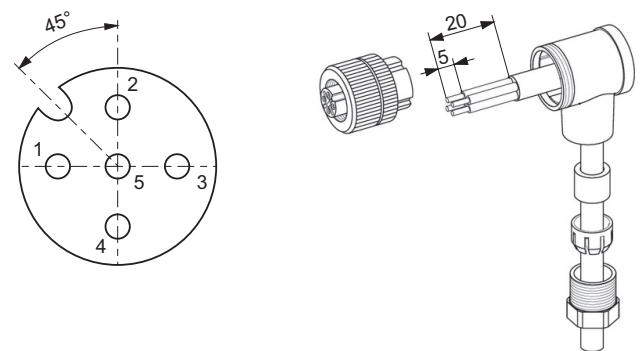
No.	Description
1	Input voltage connection
2	Output voltage connection
3	Cable must be provided by the customer

Circuit diagram – input voltage connection



	Description
N	Neutral
P	Phase
PE	Earth

Circuit diagram – output voltage connection



	Description
1	RS485 A (PSU + WIFI)
2	RS485 B (PSU + WIFI)
3	-
4	GND
5	+24 V DC

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