SENSORFACT | is now ABB

Guidelines for Meter Pictures

This guideline helps you provide us with clear pictures and technical details of the meters you wish to connect with our pulse sensors. We use this to provide tailored connection advice and ship the proper connection cables.

1 Taking pictures of the (gas or water) meters

Please provide clear, readable pictures containing all necessary info. Ensure there is no glare from the flash.

(A) Info Plate or Sticker

GOOD

Text is sharp, fully visible, and free of glare

BAD

Too far away, so the text is illegible

(B) Connector(s)

GOOD

Pin layout is clearly visible and in focus

BAD

Out of focus, dark, and pin layout is hidden

2 Information for pulse analysis

We need the following technical details to verify compatibility. **You can either ensure this information is clearly visible in the pictures you take, or simply type it out in your email**. Use this list to check if your photos capture everything we need.

Parameter	Description & importance
Qmax	Maximum flow rate/heat output. Crucial to determine if we can measure the meter.
Impulse Coefficient (imp/m³)	Conversion factor determining how much volume relates to one pulse. Required for our software.
Caloric Value (Gas meters only)	Amount of energy released by combustion. Used to convert volume to energy.
Output Available Passive	Specify the connection type: • **2-Wire Connection** • **Pin DIN Cables** (e.g., 6 Pin DIN female): We supply 3-6 pin cables. Seal status: Is the meter connection unsealed? *(Note: gas/water companies sometimes seal meters to prevent external read-outs)*

External Connectivity Devices

Do you have a volume corrector or pulse generator installed? If yes, please ensure you also take a clear picture of these devices and their info plates so we can check compatibility.

Volume corrector

An external device attached to the water/gas meter to account for differences in pressure & temperature, securing accurate data readings.

Note: this volume corrector would need to have a pulse output as described above in order for us to connect to it.

Pulse generator

An extra device attached to a meter that lacks a pulse output, used to create a read-out pulse.

Note: We do not assist with the installation of pulse generators.

3 Next steps

1. **Name your pictures** clearly (e.g., "Gas meter 1 - Info Plate", "Volume Corrector 1").
2. **Upload the files** to the online onboarding environment in the Sensorfact platform or send it to your dedicated onboarding specialist.

We will review your data and reply with tailored connection advice and the required cables!