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## Information for Modbus Communication with EVC's of the EK2xx series

Dear customer,

First of all, thank you for your inquiry about the Modbus connection of the Elster EK2x0 volume corrector.

For the Modbus commissioning to be successful, various questions usually need to be clarified in advance:

- First of all, the **Ex-issues** may have to be observed in order to be able to implement a possible hardware connection.
- A **power supply** is required so that the EK2xx can continuously send data.
- Depending on the customer system, different **hardware connections** are possible (RS-485 / RS-232 / Ethernet / GPRS)
- Connection to a **2-wire bus system** is also possible. Additional hardware is usually required for this
- **Type of Modbus connection** (protocol, formats, etc.)
- **Required data** to be transferred via Modbus

Several documents are attached so that a suitable solution can be found. There it is described which points must be clarified in advance so that a Modbus start-up is possible.

Please forward this to the following responsible offices:

- **User** (which data is required)
- **Meter operator** (Ex application, hardware connection, power supply)
- **Modbus programmer** (Modbus settings)

If necessary, we support this in the form of a customized project, depend on the afford of the implementation. Only comparing the requirements of the user and the Modbus programmer and the possibilities of the devices we can offer this as a **small project**.

In the event of a major change, we will offer you this on a cost-related basis.

For questions and comments, we are always available

Kind Regards

Elster Application & Customer Trainings

**Honeywell** | Process Solutions

ElsterSupport@honeywell.com

[www.elster-instromet.com](http://www.elster-instromet.com)

Elster GmbH  
Steinern Straße 19-21  
55252 Mainz-Kastel  
Deutschland (Germany)

T +49 (0)6134 605-0  
F +49 (0)6134-605-390  
customerfirst@honeywell.com  
[www.elster-instromet.com](http://www.elster-instromet.com)

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Vorsitzender des Aufsichtsrats  
(Chairman of the Supervisory Board):  
Herr Dr. Silvester Ibes

Geschäftsführer  
(Managing Directors):  
Piet Platschorre  
Ulrich Clasemann  
Dr. Martin Schröder.

Amtsgericht (local court)  
Wiesbaden HRB 22631  
Umsatzsteuer-ID-Nr.: DE813732352

Bankverbindung:  
Deutsche Bank AG, Filiale Mainz  
BLZ 550 700 40  
Konto 0166090  
SWIFT DEUTDE5M  
IBAN DE 63 5507 0040 0016 6090 00