



M-BUS & OPC-UA

Transmission of water, electricity, heat and gas meter readings

APPLICATIONS

- Water purification plants
- Inline meters
- Elevated tanks
- Pumping stations
- Wastewater treatment plants (e.g. Mittweida wastewater treatment plant)
- Heat supply (e.g. Heide wastewater treatment plant)

PRODUCT DESCRIPTION

A combination of established M-Bus standards together with OPC-UA seminal communication allowing, up to 80 meters (from diverse manufacturers) to be read out simultaneously (a maximum 40 meters in standard configuration), and their data to be reliably transmitted to the control system. At the same time it is possible to operate a large number of meters and topology types simultaneously with a Beckhoff control unit.

TECHNOLOGY

- Readings are read out by means of M-Bus
- Data provision via OPC-UA
- Manufacturer-independent
- Up to 40 devices at one M-Bus terminal
- Automatic configuration
- Star, tree and linear structure possible

ADVANTAGES

- M-Bus connection protected against polarity reversal
- Easy configuration
- Supports more than 80 different meters
- Transmission of absolute meter reading, no pulse evaluation
- Up to 4 km cable length possible

