RUDOLPH & DECKER

Wireless data transmission, remote monitoring and remote-control

APPLICATIONS

- Decentralised plants
- Plants without DSL/radio reception
- Plants without fixed power supply
- Pößneck drinking water purification plant
- Friedrichswerth wastewater treatment plant
- Freiberg association for water treatment

PRODUCT DESCRIPTION

The Rudolph & Decker remote-control technology was especially developed for the wireless transmission of process data.

Use of wireless data transmission is advantagous for plants which do not have a cable connection or whose installation can only be implemented at high cost. Wireless/ radio applications also often offer an inexpensive alternative for replacement of old, dilapidated cables.

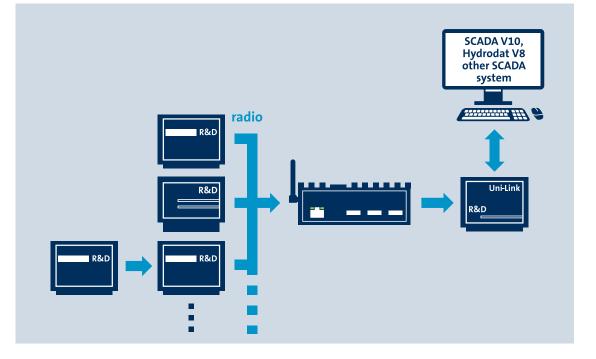
Coupling with the process control system HydroDat/SCADA-V10 is achieved via OPC.

FEATURES

- Time slot wireless method
- Radio transmission in the 25 kHz range
- Ambient temperature –40°C to +70°C
- 256 AES encryption
- Web interface
- SCADA protocols: Modbus, IEC101, DNP3, Comli, DF1, Profibus, IEC104

ADVANTAGES

- Low-cost data transmission independent of leased lines/mobile providers
- Stable data transmission
- Low power consumption







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