

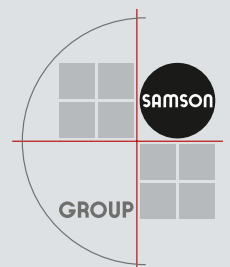
Plug and Play

Flexible standard applications for
TROVIS 5571 Programmable Logic Controller (PLC)



Boiler control · Heat exchanger sequence control · Ventilation control

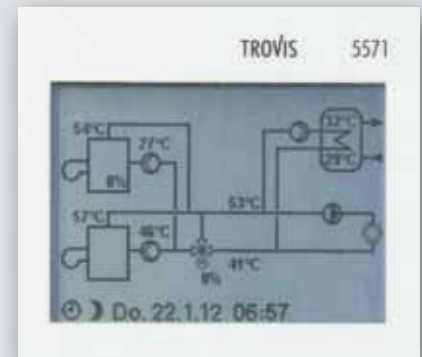
- Flexible applications without the need for programming
- System configuration at the controller using pictograms
- Graphical display of schemes including current data and operating states
- Standard application transferred to TROVIS 5571 PLC using a memory module
- Connection over Modbus RTU possible



Functions of standard applications

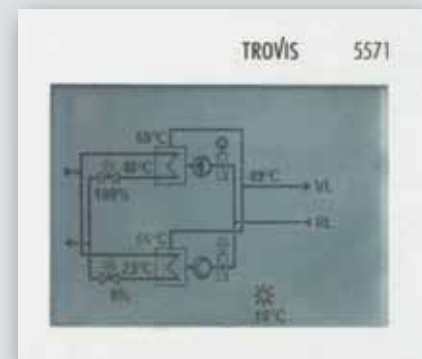
Boiler control application (Kes71)

- More than 80 hydraulic schemes
- Control of two boilers (single-stage, two-stage or modulating)
- Additional consumer circuits on the secondary side (two heating circuits and one DHW circuit)
- Multi-boiler sequencing based on operating hours or capacity
- Boiler sequence change in the event of a malfunction



Heat exchanger sequence control application (WT71)

- Additional consumer circuits on the secondary side (two heating circuits and one DHW circuit)
- Operating hours and capacity recorded
- Two or three heat exchangers operated in lag/lead sequence based on operating hours or capacity
- External set points input via Modbus, analog or binary input



Ventilation control application (Luft71)

- Variable system configuration by selecting/deselecting units, such as heating register, cooling register, humidifier, dehumidier, heat recovery unit/mixed air chamber
- Control of temperature, humidity and CO₂

