

# MICRO-SRV

Advanced Smart Remote Valve Unit



## KEY FEATURES

- Turns the gas flow on and off in the pipeline with remote time setting
- TCP connections via GPRS/SMS interface
- Configurable cryout function via GPRS or SMS
- Remote monitoring, configuration and diagnostics
- Remote firmware update
- Alarm and event logging
- Incorporated optical communication interface
- Nano power consumption. 10 years typical battery life
- Reliable and easy to commission and maintain
- Easy to use configuration and programming software
- High quality, robust and durable design providing high torque in any conditions
- Low self-consumption

MICRO-SRV, provides periodic reporting and exchange data at scheduled times of the day via GPRS interface. In addition, SMS messages are sent to modems in the modules via APN lines using a central computer or fixed mobile device.

Consequently, it allows remote intervention, especially for gas company customers in trouble.

## Remote Communication

MICRO-SRV offers comprehensive features for modern applications. Using designated communication channels, all configuration, monitoring and diagnostic facilities are also available remotely.

Many remote communication features can be provided without the need for external power. In remote areas and without mains power, this is a huge advantage.

## TCP connections via GPRS/SMS

MICRO-SRV presents multiple, coexistent TCP connections. Multiple host systems in different locations can access the same tool remotely without affecting one another.

Properties	MICRO-SVR
Ambient temperature	-30°C...+70°C
Relative humidity	95% non-condensing
Battery	3.6 V certified battery. 10 years typ. 5 years min.
Keyboard	1 front panel key optional
Communications	
GPRS	QUAD band GPRS/GSM, SMS, TCP/IP client or server
SIM card holder	Internal micro SIM
Optical interface	Full duplex, 9600 bps, 8 bits, 1 stop bit, no parity
Protocols	Auto detect native, modbus RTU/TCP slave