



M9.36-M9.46 pH/ORP Monitors and Transmitters

High-precision
analytical control
for modern industrial
processes



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FLS M9.36–M9.46 Series: Next-level pH/ORP monitoring in demanding industrial process

The **FLS M9 Series** delivers precise, stable and easy-to-read pH/ORP measurements, even in harsh industrial environments and on a wide range of applications.

Thanks to its **robust design, flexible configuration options** and **graphic bright 4" display** the monitors provide clear visibility of all operating parameters at a glance.

The M9.46 model device supports Modbus RTU protocol over RS-485 for instant data access, smooth system integration and smarter process optimization, together with a seamless connectivity.

As part of the broader FLS analytical portfolio, the M9 Series can be paired with our high-quality pH and ORP electrodes and sensors to create a fully integrated measurement solution, supporting more accurate control, improved efficiency and smarter process management.

More control. More accuracy. More performance.

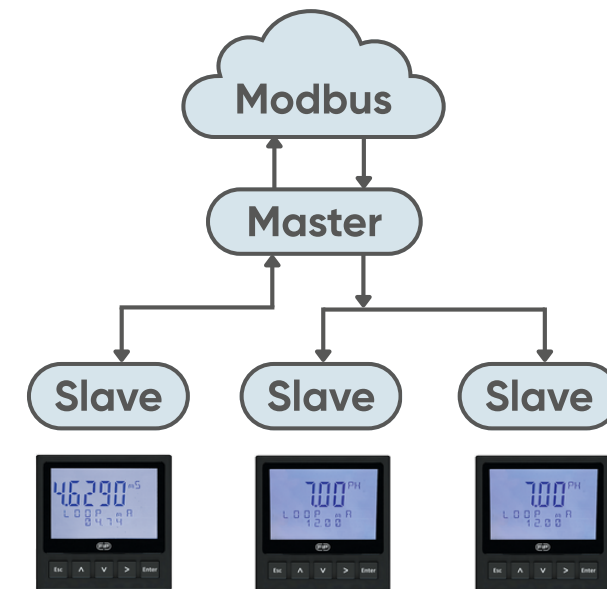


Main Technical Features:

- **Calibration** with automatic buffer recognition and in-line adjustment
- **Compatible with most common pH/ORP** electrodes and temperature sensors
- **Transflective technology display**
- **pH input range:** $-2 \div 16$ pH, resolution: ± 0.01 pH
- **ORP input range:** $-2000 \div 2000$ mV, resolution ± 1 mV
- **Supply voltage:** from 12 to 24 VDC $\pm 10\%$ regulated
- **Max electrical consumption:** < 300 mA

Applications:

- Water treatment and regeneration
- Industrial wastewater recovery and treatment
- Scrubber control
- Neutralisation systems,
- Heavy metal recovery
- Coating of metal surfaces
- Processing and manufacturing industry
- Chemical production
- Swimming pools and spas.



Main advantages of Modbus RTU*

- ✓ Reduction of wiring and installation costs
- ✓ High compatibility on international standard
- ✓ Signal reliability even in harsh environments
- ✓ Remote configuration
- ✓ Simple and cost-effective scalability

(*) RTU = Remote Terminal Unit