



SEPIA Modbus

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Universal Modbus adapter

To complement the SEPIA USB sensor handles used in the laboratory, the SEPIA system portfolio includes a special Modbus adapter - a robust, ready-to-use accessory that transmits single sensor measurements directly to any Modbus-compatible device or controller. It extends the application range of the entire sensor family beyond multi-parameter probes and enables fast, mobile and cost-effective on-site measurements.

Accessories for a tank rim mount are also available.

Advantages

- Digital, modern and ergonomic design
- Sensor compatibility with all SEPIA sensors
- Ideal for on-site measurements / quick functional tests and diagnostics
- Robust, portable and user-friendly
- Direct Modbus integration

Applications for

- Water suppliers
- Drinking water monitoring
- Sewage treatment plants
- Environmental laboratories
- Industrial applications
- Aquaculture

SEPIA Modbus

Technical specifications

Interface	digital: RS-485 Modbus
	analog: 4 ... 20 mA (default), max load: 500 Ohm
Optical display	RGB LED*
Power supply	12 - 24 VDC ($\pm 10\%$)
Power consumption	max. 5 W
Connection	Fixed cable with M12 connection
Cable length	2 m, 10 m

*Green - OK, red = error, blue = calibrated

Housing material	PET or titanium	
Dimensions (L x D)	123 mm x 25.8 mm	4.84" x 1.02"
Weight	tbd	

Ambient temperature	-10...+50 °C	~ +14 to +122 °F
Storage temperature	-20...+70°C	~ -4 to +158 °F
Relative humidity	0 to 95 % non-condensing	
Transportation conditions	see storage temperature and relative humidity	
Degree of protection	Sensor side	IP68
	Controller side	IP65

System compatibility	Modbus RTU, SEPIA series
Warranty	1 year (EU & USA 2 years)