

Multiparameter Datalogger M-Log, ORI

Multiparameter Datalogger M-Log

For stationary or mobile data measuring and logging in potentially explosive atmospheres.

Suitable for example for long-run analyses of indirect dischargers or confined wells. Max. three sensors can be connected at a time (2 digital, 1 analog). One battery charge is sufficient for operating times from one week to four months, depending on the how the device is used in the individual application.

Currently, pH, conductivity, and oxygen sensors are available. In addition to the measured values, the digital ISM sensors provide information such as redox potential, temperature, condition of the electrode, etc. Depending on the connector sensor, the active 4 –20 mA analog input can supply universal values, for example level, H₂S or other values. Integrated GPS furthermore allows you to record the current location together with the logger data. By means of the optional GSM module, data can be transmitted via mail or SMS or sent to the Mcloud.

Ideal for use with the BASIC Ex 1 sampling device for event-relating sampling, for example when checking indirect dischargers.

With Bluetooth for wireless operating and read-out via PC.

Other combinations available on request.

Technical data:

ATEX designation Mlog: II 2G Ex d ib IIB T4 Gb
 ATEX designation MGSM: II 2G Ex ib IIB T4 Gb
 Total protection rating: IP 67
 Dimensions (Ø x H); weight: 45 mm x 390 mm (1.8 in / 15.4"); 2.1 kg (without sensors)

Article	Order No.
Multiparameter datalogger M-Log	10 22 55060

ISM sensors

Sensors with digital ISM technology (Intelligent Sensor Management)

- Automatic data detection and transfer from sensor to device, such as calibration data, wear parameters etc.
- With integrated temperature sensor
- For use in potentially explosive atmospheres

Article	Meas. range	Temp. °C	L mm	ATEX	Order No.
INPro 4260i/SG/120 pH combination electrode	0 – 14 pH	0 – +130	120	EX II 1/2G EEx ia IIc T6/T5/T4/T3	10 22 55253
INPro 700i/12/120/4435 LF combination electrode	0.02 – 500 mS/cm	-20 – +150	120	II 1/2G Ex Ia IIB T6/T5/T4/T3	10 22 53791
ISM connection cable for the use of 1 ISM sensor					10 22 55034

