RMS-Data Logger

DATA TRANSMISSION AND BACK-UP COMPONENT

- Stores 44,000 pairs of measured values (°C / %RH)
- Fail-safe, due to the internal battery
- Battery life up to 3 years
- Wireless or LAN Interface
- Compatible with the RMS Gateway, RMS server software and RMS Cloud
- Conforms to FDA 21 CFR Part 11 / GAMP5

rotronic
MEASUREMENT SOLUTIONS

TECHNICAL INFORMATION

The data logger is the flexible component between the probe and the database in the ROTRONIC Monitoring System. It stores 44,000 pairs of measured temperature and humidity values from the interchangeable HygroClipD probe, and transmits them to the RMS database via a LAN or wireless link. It guarantees secure data protection, even if the power supply and communications temporarily fail.

ROTRONIC Monitoring System – RMS

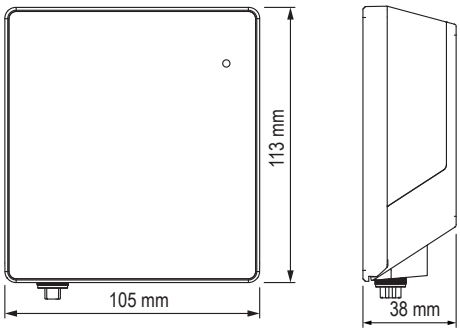
The modular monitoring system for various measured parameters. It consists of hardware components and web software. Maximum flexibility in installation is guaranteed and there is excellent availability of all the data in use. The data loggers record measurements made by Rotronic and also third-party sensors and transmit them to the database. It stores all the information and makes it available to authorized users, regardless of whether they access the database using a PC, Mac, tablet or smartphone. RMS is ideal for large monitoring systems in companies as well as for simple, small applications, for which Rotronic makes the database available as a cloud account. The system conforms to GxP and FDA 21 CFR PART 11.

Compatible with:

- HCD-S humidity and temperature fast response, digital probe
- RMS-GW Gateway
- RMS-WEB RMS server software
- RMS-CLD RMS Cloud

General Specifications	
Device type	RMS Data logger
Measured parameters	Humidity and temperature with HygroClip HCD-S digital probe
Memory size	44,000 pairs of measurement values
Range of application	-40..70 °C / 0..100 %RH
Storage conditions	-40..30 °C / 0..90 %RH
Electrical Supply	24 VDC / battery: 2 x AA, EVE-ER14505 / PoE: 802.3af-2003, Class 1
Current consumption	‹50 mA
Battery Life	3 years (at 23 °C and interval of 1 minute)
Measurement interval	10 s to 15 min
Interface	Ethernet / Wireless 868 MHz
Wireless range	20...50 meters
Protocols	HTTP
Standards	
FDA / GAMP directives	FDA 21 CFR Part 11 / GAMP5
Housing / Mechanical parts	
Housing material	ABS
Dimensions	105 x 113 x 38 mm
IP protection class	IP65

Dimensions



Would you like more information?
You will find a complete, up-to-date overview of our probes in on Internet at **www.rotronic.com**/rms.

Subject to technical change without notice. Printing and omissions excepted.

ROTRONIC AG, Grindelstrasse 6, CH-8303 Bassersdorf, Tel. +41 44 838 11 44, www.rotronic.ch
ROTRONIC Instruments (UK) Ltd, Crompton Fields, Crompton Way, Crawley, West Sussex, RH10 9EE, UK, Phone +44 (0)1293 571000, www.rotronic.co.uk
ROTRONIC Instrument Corp, 135 Engineers Road, Hauppauge, NY 11788, USA , Phone, +1 631 427-3898, www.rotronic-usa.com
ROTRONIC Canada Inc., 236 Pritchard Rd, Unit 204, Hamilton, ON, Canada , L8W 3P7, Phone + 1 905 754-5164, www.rotronic.ca
ROTRONIC Instruments Pte. Ltd., 1003 Bukit Merah Central, 06-31 Inno Centre, Singapore 159836, Phone +65 6376 2107, www.rotronic.sg

59057E/2016-09