Rissfox Mini
Datenlogger

Rissentwicklung
Relative Luftfeuchtigkeit
Lufttemperatur

CE

Revision: 1.00

Scanntronik Mugrauer GmbH

Nullung / Restart

System
Status
LED

°C / %rF
Klima
Sensor

Rechner
Alarm
Schalter

Riss
Analyse
Sensor

The possible applications of the **Rissfox Mini** are practically unlimited and range from building monitoring, claims assessment, structural status analysis and preservation orders to preventive maintenance, research and development.

„DATA LOGGER FOR ANALYSING CRACK PROGRESS AND CLIMATIC DATA."

The Rissfox Mini is one of the most modern miniature data loggers of our time. Its small impact-proof and waterproof enclosure combines high-resolution 12-bit crack analysis electronics, an air temperature sensor and humidity sensor, a RISC microcontroller, memory for up to 64,000 measured values and a real-time clock to form an enormously powerful analysis system.

CUSTOMER APPLICATION

Rissfox Mini — The fully calibratable crack sensor can be connected to the system and is characterised by its easy handling, its compact dimensions as well as its high degree of precision. After the uncomplicated installation of the analysis sensor above the crack, the measuring system either fully automatically starts the measuring task previously programmed in the PC, or is activated by means of a non-contact electromagnetic switch. The data logger then records the measured data at freely adjustable intervals.

Thanks to the integrated high-speed crack monitoring system, even very brief crack vibrations can be detected reliably and accurately. This means that, together with the climatic sensors, comprehensive and reliable measured data are available after only a short time. The fully calibrated, intelligent CMOSens® sensor for temperature and humidity is especially characterised by its optimised long-term stability, its high degree of precision, reliability and its extremely fast response time of less than 3 seconds. No complicated recalibration is required, since the

sensor can simply be replaced directly on site if necessary. The batteries integrated in the data logger (AA) supply the system with energy for up to two years, and are user-replaceable at any time.

The data logger can be programmed and evaluated using the universal software SoftFOX under Microsoft Windows® 98, NT, Me, 2000 or XP. After the Rissfox Mini has been connected to the computer by means of a PC interface cable, the system can be read out or configured immediately.

Scanntronik
Mugrauer GmbH

CONTACT
Scanntronik Mugrauer GmbH
Parkstraße 38
D-85604 Zorneding
Tel.   +49 (0) 8106 22570
E-Mail Info@Scanntronik.de
www.Scanntronik.de