



Driesen + Kern GmbH

Technical Data Sheet

TEMPERATURE/HUMIDITY/ILLUMINANCE DATA LOGGER DK362



Features

- Multitude of integrated sensors and external probes available
- Robust, shock-proof and IP65 protected enclosure
- Temperature range within $-40^{\circ}\text{C} \dots +150^{\circ}\text{C}$
- High resolution and accuracy (20 bit A/D converter)
- Flash memory for up to 4 million readings (exhausted or defect battery does not cause data loss)
- Battery life of 4 years, monitored battery level!
- Continuous mode - oldest readings will be overwritten when the memory is full

Technical data

Temperature range : $-40 \dots +90^{\circ}\text{C}$
Temperature accuracy : $\pm 0.3^{\circ}\text{C}$
Temperature resolution : 0.01°C
Humidity range : $0 \dots 100\% \text{RH}$
Humidity accuracy : $\pm 2\% \text{RH}$ in $10 \dots 90^{\circ}\text{C}$ and $\pm 3.5\% \text{RH}$ in others
Humidity resolution : $0.04\% \text{RH}$
Illuminance range : $0 \dots 40000 \text{ Lux}$
Illuminance accuracy : $\pm 20\%$
Illuminance resolution : 1 Lux
Memory capacity : 4 million readings
Battery type : LITH12
Battery life (@different interval) : 4 years @ 1 minute
 230 days @ 10 seconds, 25 days @ 1 second
Interval : 1 sec...24 Hrs
Material : POM
Operate system : Windows, Linux
Exporting : PDF, Exel
Dimension : $\Phi 50 \text{ mm} * 30 \text{ mm}$
Weight : 97 g
Operating pressure : 4 Bar
Protection type : IP65



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