



Driesen + Kern GmbH

Technical Data Sheet

HIGH TEMPERATURE DATA LOGGER

DK316



Features

- Multitude of integrated sensors and external probes available
- Robust, shock-proof and IP68 protected enclosure
- Temperature range within -40°C...+90 °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
- Stop-when-full mode - the logger stops logging when the memory is full
- Standard software InfraLog -basic- included in delivery, or -light/enhanced- with comprehensive graphical functions

Technical data

Input : Thermocouple types K, T, J, B, E, R and S

Temperature range : -40...+90 °C

Accuracy : according to TC class

Resolution : 0.05 °C

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 : 4 Hz...24 Hrs

Material : POM

Operate system : Windows, Linux

Exporting : PDF, Exel

Dimension : $\phi 50 * 45$ mm

Weight : 97 g

Protection type : IP40



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บริษัท โอเมก้า เมชเชอริง อินสตรูमेंท์ จำกัด

Tel : 02-105-4676

Fax : 02-903-0080 ext. 6867

Email : info@omi.co.th

Line : @omith

