



Driesen + Kern GmbH

# Technical Data Sheet

## HIGH TEMPERATURE DATA LOGGER

# DK314



**DK314**



**DK314-DM**

### Features

- Multitude of integrated sensors and external probes available
- Robust, shock-proof and IP68 protected enclosure
- Temperature range within -40°C...+150°C
- High resolution and accuracy (20 bit A/D converter)
- Flash memoery 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

**Temperature range :** -40...+150 °C

**Accuracy :** ±0.3 °C

**Resolution :** 0.01 °C

**Memory capacity :** 4 million readings

**Battery type :** LITH35

**Battery life (@different interval) :** 4 years @ 1 minute  
230 days @ 10 seconds, 25 days @ 1 second

**Interval :** 4 Hz...24 Hrs

**Material :** Peek

**Operate system :** Windows, Linux

**Exporting :** PDF, Exel

**DM probe option :** 30, 50, 100 mm

**Dimension :** Φ50 mm \* (DK314 Hight : 35 mm, DK314-DM-30/50/100 Hight : 60, 80, 130 mm)

**Weight :** 97 g

**Operating pressure :** 4 Bar @100 °C and 2 Bar @150 °C

**Protection type :** IP68

### Ordering code

DK314 -

: None

**DM-30** : with probe 30 mm

**DM-50** : with probe 50 mm

**DM-100** : with probe 100 mm

[www.omi.co.th](http://www.omi.co.th)

บริษัท โอเมก้า เมชเชอริง อินสตรูเมนต์ จำกัด

Tel : 02-105-4676

Fax : 02-903-0080 ext. 6867

Email : info@omi.co.th

Line : @omith

