

# Physikalisch-Technische Bundesanstalt

Braunschweig und Berlin

Member State of OIML  
Germany



OIML Certificate N°  
**R129/2000-DE1-09.04**

## OIML CERTIFICATE OF CONFORMITY

### Issuing Authority

Name: Physikalisch-Technische Bundesanstalt  
Address: Bundesallee 100, 38116 Braunschweig  
Person responsible: Dr. Ahmed Abou-Zeid

### Applicant

Name: SICK AG  
Address: Nimburger Str. 11, 79276 Reute  
Germany

Manufacturer of the certified type is the applicant.

### Identification of the certified type

Multi-dimensional measuring instrument

Type: VMS 530-NSDS

Further characteristics: see page 2

This Certificate attests the conformity of the above identified type (represented by the sample or samples identified in the associated Test Report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

**R129, Edition 2000 (E)**

This Certificate relates only to the metrological and technical characteristics of the type of instrument covered by the relevant OIML Recommendation identified above.

This Certificate does not bestow any form of legal international approval.

# Physikalisch-Technische Bundesanstalt

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The conformity was established by the results of tests and examinations provided in the associated Report:

No. PTB-5.45-4033471                      that includes 12 pages  
and associated Test Reports  
No. R129/2000-DE1-09.04                that includes 72 pages  
No. ELMAC, 2008-2202-3409-REN      that includes 30 pages

## The Issuing Authority

Dr. Ahmed Abou-Zeid  
Direktor und Professor

03.03.2009

## The OIML Member

Prof. Dr. R. Schwartz  
Direktor und Professor

03.03.2009

## Identification of the type (continued)

Measurement ranges, scale intervals and transport speed

Dimensions	Minimum in mm	Maximum in mm	scale interval <i>d</i> in mm	<i>v</i> <sub>min</sub> in m/s	<i>v</i> <sub>max</sub> in m/s
Length	100	2300	10	0.1	2.0
Width	100	1500	10		
Height	50	1000	5		

The instrument only measures rectangular and opaque objects.  
Objects, lying side by side, touching also, are measured.

## Environmental conditions

Temperature range:                      0 °C up to +40 °C  
Humidity conditions:                    Non-condensing humidity  
Intended location:                      Indoor

*Important note:* Apart from the mention of the Certificate's reference number and the name of the OIML Member State in which the Certificate is issued, partial quotation of the Certificate and of the associated Test Report(s) is not permitted, although either may be reproduced in full.