



OIML Certificate of Conformity

OIML Member State
The Netherlands

Number R129/2000-NL1-16.05
Project number 16200269
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Issuing authority	NMi Certin B.V. Person responsible: C. Oosterman
Applicant and Manufacturer	VITRONIC Dr. -Ing. Stein Bildverarbeitungssysteme GmbH Hasengartenstraße 14 65189 Wiesbaden Germany
Identification of the certified type	A Multi-Dimensional Measuring instrument Type : VIPAC-D2-BCPS VIPAC-D2-CCPS
Characteristics	See next page

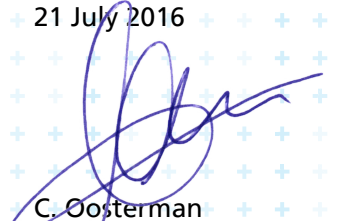
This Certificate attests the conformity of the above identified Type (represented by the sample(s) identified in the OIML Test Report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

OIML R 129 - Edition 2000

This Certificate relates only to the metrological and technical characteristics of the type of measuring instrument covered by the relevant OIML International Recommendation above-identified. This Certificate does not bestow any form of legal international approval.

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Issuing Authority **NMi Certin B.V., OIML Issuing Authority NL1**
21 July 2016



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The conformity was established by the results of tests and examinations provided in the associated OIML Test Report(s):

- No. NMI-15200644-01 dated 29 February 2016 that includes 60 pages;
- No. NMI-15200644-02 dated 29 February 2016 that includes 61 pages;
- No. NMI-15200644-04 dated 29 February 2016 that includes 14 pages;
- No. NMI-16200269-01 dated 18 April 2016 that includes 16 pages;
- No. NMI-16200269-02 dated 18 April 2016 that includes 17 pages.

Characteristics of the multi-dimensional measuring instrument

Principle of operation	reflection of light	
Measuring range(s)	Single interval	
Speed range	$0,2 \text{ m/s} \leq v \leq 3,0 \text{ m/s}$	
Electromagnetic environment class	E2	
Mechanical environment class	M2	
Climatic environment	temperature range	-10 °C / +55 °C
	humidity	non-condensing
	intended location	closed
Power supply voltage	100 – 240 V AC 50/60 Hz	
Method of operation	automatic	
Limitations of use	rectangular objects with opaque regular surfaces	
Minimum spacing between successive objects	spacing $\geq 50 \text{ mm}$	



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conveyor belt				
Maximum dimension		Length	Width	Height
			max ≤ 2500 mm	max ≤ 1000 mm
Minimum dimension	two sensors	min ≥ 50 mm	min ≥ 50 mm	min ≥ 20 mm
	one sensor	min ≥ 100 mm	min ≥ 100 mm	
Scale interval d	two sensors	d ≥ 5 mm	d ≥ 5 mm	d ≥ 2 mm
	one sensor	d ≥ 10 mm	d ≥ 10 mm	
crossbelt sorter				
Maximum dimension		Length	Width	Height
			max ≤ 1600 mm	max ≤ 1500 mm
Minimum dimension	two sensors	min ≥ 50 mm	min ≥ 50 mm	min ≥ 50 mm
	one sensor	min ≥ 100 mm	min ≥ 100 mm	
Scale interval d	two sensors	d ≥ 5 mm	d ≥ 5 mm	d ≥ 5 mm
	one sensor	d ≥ 10 mm	d ≥ 10 mm	

The VIPAC-D2-BCPS/CCPS uses one or two VOLUMECHD sensors to record dimensions of rectangular objects.