



# OIML Certificate

**OIML Member State**  
The Netherlands

Number R129/2000-A-NL1-20.03  
Project number 2464064  
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Issuing authority

NMi Certin B.V.  
Person responsible: M. Boudewijns

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 D BCVS  
VIPAC D CCVS

Characteristics

See next page

This OIML Certificate is issued under scheme A.

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**  
16 September 2020

Certification Board

NMi Certin B.V.  
Thijssseweg 11  
2629 JA Delft  
The Netherlands  
T +31 88 6362332  
certin@nmi.nl  
www.nmi.nl

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The notification of NMi Certin B.V. as Issuing Authority can be verified at [www.oiml.org](http://www.oiml.org)

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The conformity was established by the results of tests and examinations provided in the associated OIML Test Reports:

- No. NMI-15200644-01 dated 25 April 2016 that includes 60 pages;
- No. NMI-2464064-01 dated 16 September 2020 that includes 32 pages;
- No. NMI-2464064-02 dated 16 September 2020 that includes 15 pages;
- No. NMI-2464064-03 dated 16 September 2020 that includes 44 pages.

### Characteristics of the multi-dimensional measuring instrument

Principle of operation		reflection of light			
Measuring range		Single interval Multi-interval			
Maximum number of partial measuring ranges		2 (for height measurement only)			
Speed range		30 m/min $\leq v \leq$ 180 m/min 0,5 m/s $\leq v \leq$ 3,0 m/s			
Electromagnetic environment class		E2			
Mechanical environment class		M2 M3 for modules directly mounted on the conveyor (SSMD)			
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 only			
Minimum spacing between successive objects		spacing $\geq$ 50 mm			
Configuration		Conveyor belt (VIPAC D BCVS)			
Maximum dimension	max	Length	Width	Height	
		$\leq$ 2500 mm	$\leq$ 1000 mm	$\leq$ 50 mm	$\geq$ 50 mm $\leq$ 1000 mm
		Minimum dimension	min	$\geq$ 50 mm	$\geq$ 50 mm
Scale interval d	d	$\geq$ 5 mm	$\geq$ 5 mm	$\geq$ 2 mm	$\geq$ 5 mm
Configuration		Crossbelt sorter (VIPAC D CCVS)			
Maximum dimension	max	Length	Width	Height	
		$\leq$ 1600 mm	$\leq$ 1200 mm (1 sensor head) $\leq$ 1500 mm (2 sensor head)	$\leq$ 50 mm	$\geq$ 50 mm $\leq$ 800 mm
		Minimum dimension	min	$\geq$ 50 mm	$\geq$ 50 mm
Scale interval d	d	$\geq$ 5 mm	$\geq$ 5 mm	$\geq$ 2 mm	$\geq$ 5 mm

The VIPAC D xCVS uses one or two VOLUME HD 3.x sensor heads to record the dimension of objects.