



OIML Certificate

OIML Member State
The Netherlands

Number R129/2000-A-NL1-20.04
Project number 2465064
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Issuing authority

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

Applicant and
Manufacturer

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Germany

Identification of the
certified type

A Multi-Dimensional Measuring instrument
Type : VIPAC D BNVS
VIPAC D CNVS

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

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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-2464064-03 dated 16 September 2020 that includes 44 pages;
- No. NMI-2464064-04 dated 16 September 2020 that includes 15 pages.

Characteristics of the multi-dimensional measuring instrument

Principle of operation	reflection of light	
Measuring ranges	Single interval Multi-interval	
Maximum number of partial measuring ranges	2 (for height measurement only)	
Speed range	$30 \text{ m/min} \leq v \leq 180 \text{ m/min}$ $0,5 \text{ m/s} \leq v \leq 3,0 \text{ m/s}$	
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 or irregular shaped objects with opaque regular surfaces	
Minimum spacing between successive objects	spacing $\geq 50 \text{ mm}$	

Configuration		Conveyor belt (VIPAC D BNVS)			
		Length	Width	Height	
Maximum dimension	max	$\leq 2500 \text{ mm}$	$\leq 1000 \text{ mm}$	$\leq 50 \text{ mm}$	$\geq 50 \text{ mm}$ $\leq 1000 \text{ mm}$
Minimum dimension	min	$\geq 50 \text{ mm}$	$\geq 50 \text{ mm}$	$\geq 20 \text{ mm}$	
Scale interval d	d	$\geq 5 \text{ mm}$	$\geq 5 \text{ mm}$	$\geq 2 \text{ mm}$	$\geq 5 \text{ mm}$
Configuration		Crossbelt sorter (VIPAC D CNVS)			
		Length	Width	Height	
Maximum dimension	max	$\leq 1600 \text{ mm}$	$\leq 1500 \text{ mm}$	$\leq 50 \text{ mm}$	$\geq 50 \text{ mm}$ $\leq 800 \text{ mm}$
Minimum dimension	min	$\geq 50 \text{ mm}$	$\geq 50 \text{ mm}$	$\geq 20 \text{ mm}$	
Scale interval d	d	$\geq 5 \text{ mm}$	$\geq 5 \text{ mm}$	$\geq 2 \text{ mm}$	$\geq 5 \text{ mm}$

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