OIML Certificate of Conformity

OIML Member State
The Netherlands

Number R129/2000-NL1-17.03
Project number 1901256

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 BCPS-Vxx.yyy.zzz-S12 CCPS-Vxx.yyy.zzz-S12
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.

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

Issuing Authority

NMi Certin B.V., OIML Issuing Authority NL1
23 October 2017

C. Oosterman
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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 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;
- No. NMi-1901256-01 dated 20 October 2017 that includes 18 pages.

Characteristics of the multi-dimensional measuring instrument

Principle of operation		reflection of light
Measuring range(s)		Single interval
Speed range		0,2 m/s ~ 3,0 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 ≥ 50 mm

conveyor belt				
Maximum dimension		Length	Width	Height
		max ≤ 2500 mm	max ≤ 1000 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	max ≤ 1000 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	