

OIML Member State
The Netherlands

Number R129/2000-NL1-14.01
Project number 13200730
Page 1 of 3

Issuing authority	NMi Certin B.V. Person responsible: C. Oosterman
Applicant and Manufacturer	Datalogic Automation Srl Via Lavino no. 265 40050 Monte San Pietro Italy
Identification of the certified type	A Multi-Dimensional Measuring instrument Type : DM3610-....
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 (E)

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**
2 May 2014



C. Oosterman
Head Certification Board

NMi Certin B.V.
Hugo de Grootplein 1
3314 EG Dordrecht
the Netherlands
T +31 78 6332332
certin@nmi.nl
www.nmi.nl

This document is issued under the provision that no liability is accepted and that the applicant shall indemnify third-party liability.

The notification of NMi Certin B.V. as Issuing Authority can be verified at www.oiml.org

Parties concerned can lodge objection against this decision, within six weeks after the date of submission, to the general manager of NMi (see www.nmi.nl).



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

- No. NMI-13200217-01 dated 6 August 2013 that includes 64 pages;
- No. NMI-13200730-01 dated 30 April 2014 that includes 30 pages.

Characteristics of the multi-dimensional measuring instrument

Characteristics for all models:

Maximum dimension	Length	Width	Height
	max ≤ 2500 mm	max ≤ 1200 mm	max ≤ 900 mm
Minimum dimension	min ≥ 50 mm	min ≥ 50 mm	min ≥ 50 mm
Scale interval d	d ≥ 5 mm	d ≥ 5 mm	d ≥ 5 mm
Measuring range(s)	Single interval		
Maximum conveyor speed	$V_{\max} \leq 3,15$ m/s for single objects $V_{\max} \leq 3,15$ m/s for multiple objects		
Electromagnetic environment class	E1		
Mechanical environment class	M3		
Climatic environment	temperature range	-10 °C / +50 °C	
	humidity	non-condensing	
	intended location	closed	
Power supply voltage	22,5 – 26,5 V DC		
Method of operation	Automatic		

Characteristics for models DM3610-1200:

Limitations of use	rectangular and opaque objects		
Minimum spacing between successive objects	spacing ≥ 20 mm single objects in the measurement area		
Software identification (measurement head version 1.4) ¹	MD5 hashes		
	DSP software	9769 FD1C96438C5AB910F725545FFDB3	
	FPGA software	61A92F0F152949924F17152E063A9236	
	LFT library	94092F384948235EB4E70E30667D8991	

¹ The model DM3610-1200 can also use measurement head software versions 1.5 or 1.6, in that case the corresponding MD5 hashes will be displayed, but the limitations of use will not change.

Characteristics for models DM3600-2200:

Limitations of use	rectangular and opaque objects	
Minimum spacing between successive objects	spacing ≥ 0 mm (touching) single objects or multiple objects simultaneously in the measurement area	
Software identification (measurement head version 1.5) ²	MD5 hashes	
	DSP software	305BED285D4E48F30701374A32ECEA96
	FPGA software	80DBC646A9232FC00E385CC0E26E10FE
	LFT library	A4244AF0ADD423EF3E5F7DB14CF09A3E

² The model DM3610-2200 can also use measurement head software version 1.6, in that case the corresponding MD5 hashes will be displayed, but the limitations of use will not change.

Characteristics for models DM3610-3200:

Limitations of use	rectangular opaque and irregular objects	
Minimum spacing between successive objects	spacing ≥ 25 mm single objects in the measurement area	
Software identification (measurement heads version 1.6)	MD5 hashes	
	DSP software	2ED5F1A33D0D50CE8919FF11D58263A7
	FPGA software	060ECB51C9D955E6B4A948D081BBD2C8
	LFT library	B446D385DF0F114E50BD688B2ED583C3
Software identification (controller PC version 1.0)	Cube3610	4e6d88b94ad9b87918dcfd7e06152499
	MCM	eddfbb285f438ce31cb1554d563fe939
	DimModule Library	de98b905fb95c7750858f39efa95169f
	LftParamUtil	4bbc7c8a7ae41f20fbba5998b9f5b518