OIML Certificate of Conformity

OIML Member State
The Netherlands

Number R76/2006-NL1-15.31
Project number 14200302

Issuing authority	NMi Certin B.V. Person responsible: C. Oosterman
Applicant and Manufacturer	SysTec Systemtechnik und Industrieautomation GmbH Ludwig-Erhard-Strasse 6 D-50129 Bergheim-Glessen Germany
Identification of the certified type	An **Indicator** Type : IT2000M
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 76 - Edition 2006 for accuracy class (III) or (IIII)

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**
21 July 2015

C. Oosterman
Head Certification Board

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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-14200302-01 dated 20 July 2015 that includes 58 pages.

Characteristics of the indicator:

Accuracy class		(III), (IIII) (OIML R 76)	
Maximum number of verification scale intervals		10000	
Load cell excitation voltage		5 V square wave	
Minimum input voltage per verification scale interval		0,33 µV	
Minimum load cell resistance		43 Ω	
Maximum load cell resistance		3321 Ω	
Fraction of the maximum permissible error		0,5	
Load cell connection		6-wire (remote sensing) or 4-wire	
Maximum value of the cable length per cross wire section between the indicator and the junction box or load cells		6-wire:	519 m/mm^2
		4-wire:	load cells connected directly
Weighing range(s)		Single interval Multi-interval Multiple range	
Maximum number of partial weighing ranges		3	
Tare		T ≤ -Max	
Climatic environment	temperature range	-10 °C / +40 °C	
	humidity	Non-condensing	
	intended location	Closed	
Electromagnetic environment class		E3	
Mechanical environment class		M3	
Power supply voltage		12 - 30 V DC, or 24 V DC road vehicle battery	
Software identification		Checksum:	15487782