

**OIML Member State**  
The Netherlands

Number R76/2006-A-NL1-20.58  
Project number 2411898  
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Issuing authority NMI Certin B.V.  
Person responsible: M. Boudewijns

Applicant and Manufacturer Siemens AG  
Östliche Rheinbrückenstrasse 50  
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Germany

Identification of the certified type An **Analog data processing device**  
Type : TM SIWAREX WP351 HF

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 76** - Edition 2006 for accuracy class (III) or (III)

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**  
9 November 2020

Certification Board

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The conformity was established by the results of tests and examinations provided in the associated OIML Type Evaluation Report:  
- No. NMI-2411898-01 dated 9 November 2020 that includes 53 pages.

## Characteristics of the indicator:

Configuration	Analog load cells
Accuracy class OIML R 76	III or IIII
Weighing ranges	Single interval Multi-interval Multiple range
Maximum number of scale intervals (one weighing range)	$n \leq 6000$
Maximum number of scale intervals (multi-interval)	$n \leq 6000$ (per partial weighing range)
Maximum number of partial weighing ranges	3
Maximum number of scale intervals (multiple range)	$n \leq 6000$ (per weighing range)
Maximum number of weighing ranges	3
Subtractive tare	$T \leq -\text{Max}$ for instruments with one weighing range $T \leq -\text{Max}_1$ for multi interval instruments
Additive tare	$T \leq 250\%$ of Max
Load cell excitation voltage	10 V DC
Minimum signal input voltage	$U_{\min} = 0 \text{ mV}$
Minimum input voltage per verification scale interval	0,4 $\mu\text{V}$
Minimum load cell resistance	56 $\Omega$
Maximum load cell resistance	1200 $\Omega$
Fraction of the maximum permissible error	0,4
Load cell connection	6-wire (remote sensing)
Maximum value of the cable length per cross wire section between the analog data processing device and the junction box or load cells	4800 m/mm <sup>2</sup>



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	temperature range	-10 °C / +40 °C
Climatic environment	humidity	non-condensing
	intended location	Closed
Electromagnetic environment class		E2
Power supply voltage		24 V DC mains
Software identification		Version number: 1.xx.yy (xx is a number between 00 and 99, yy is a number between 06 and 99)
(sealed) Operating modes		Non-automatic weighing Automatic gravimetric filling Automatic catchweighing Automatic checkweighing Automatic discontinuous totalizing