

OIML Member State
The Netherlands

Number R76/2006-A-NL1-26.30 revision 0
Project number 4026683
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Issuing authority

NMi Certin B.V.
Person responsible: M.Ph.D. Schmidt

Applicant and
Manufacturer

TÉCNICAS DE ELECTRÓNICA Y AUTOMATISMOS, S.A.
Calle Espronceda 176-180.
E-08018 BARCELONA
SPAIN

Identification of the
certified type

An **indicator**
Type

: SMART

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 76-1:2006 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.

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Issuing Authority

NMi Certin B.V., OIML Issuing Authority NL1
13 April 2026

Certification Board

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The conformity was established by the results of tests and examinations provided in the associated reports:

- No. NMI-4026683-01 dated 13 April 2026 that includes 40 pages;
- No. NMI-4026683-02 dated 13 April 2026 that includes 19 pages;
- No. NMI-4026683-03 dated 13 April 2026 that includes 14 pages.

Characteristics of the indicator:

Configuration	Analog load cells	
Accuracy class	III or IIII	
Weighing ranges	Single interval Multiple range	
Maximum number of scale intervals (one weighing range)	$n \leq 6000$	
Maximum number of scale intervals (multiple range)	$n \leq 6000$ (per weighing range)	
Maximum number of weighing ranges	2	
Load cell excitation voltage	$6,1 \pm 0,5 \text{ V DC}$	
Minimum signal input voltage	$U_{\min} = 0 \text{ V}$	
Minimum input voltage per verification scale interval	0,6 μV	
Minimum load cell resistance	85 Ω	
Maximum load cell resistance	1200 Ω	
Fraction of the maximum permissible error	0,5	
Load cell interface	6-wire with sense technology, may be configured as 4-wire	
Maximum value of the cable length per cross wire section between the indicator and the junction box or load cells	3698,3 m/mm ² In case sense technology is not used the load cells are connected directly without junction box or extension cable	
Temperature range	-10 °C / +40 °C	
Power supply voltage	SMART ABS	100 – 240 V AC 50/60 Hz
	SMART INOX SMART IP65	100 – 240 V AC 50/60 Hz or 12 V DC (not suitable for a road vehicle power supply)
Software identification	Version number: 1.xxx (xxx is a number between 531 and 999)	



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Software:

- The identification number will be displayed at start-up. An S is indicated in front of the software version number. The S may look similar to 5 on the segmented display.
- The indicator has embedded software.

Revision History

Revision	Date	Change(s)
0	13-04-2026	Initial issue