

OIML Member State
The Netherlands

Number R76/2006-A-NL1-24.26 revision 0
Project number 3722445
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Issuing authority

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

Applicant and
Manufacturer

Rinstrum Pty Ltd
Unit 4/31 Henry Street
Loganholme, Queensland, 4129
Australia

Identification of the
certified type

An **Indicator**
Type : C3xx Series

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 (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
15 November 2024

Certification Board

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

- No. NMI-3722445-01 dated 15 November 2024 that includes 42 pages;
- No. NMI-3722445-02 dated 15 November 2024 that includes 25 pages;
- No. NMI-3722445-03 dated 15 November 2024 that includes 25 pages.

Characteristics of the indicator:

Configuration	Analog load cells	
Accuracy class	OIML R 76	Ⓜ or ⓂⓂ
Weighing ranges	Single interval Multi-interval Multiple range	
Maximum number of scale intervals (one weighing range)	$n \leq 10000$	
Maximum number of scale intervals (multi-interval)	$n \leq 10000$ (per partial weighing range)	
Maximum number of partial weighing ranges	3	
Maximum number of scale intervals (multiple range)	$n \leq 10000$ (per weighing range)	
Maximum number of weighing ranges	3	
Load cell excitation voltage	5 V DC	
Minimum signal input voltage	$U_{\min} = 0 \text{ mV}$	
Minimum input voltage per verification scale interval	0,3 μV	
Minimum load cell resistance	43 Ω	
Maximum load cell resistance	3500 Ω	
Fraction of the maximum permissible error	0,5	
Load cell interface	6-wire with sense technology	
Maximum value of the cable length per cross wire section between the indicator and the junction box or load cells	1691,5 m/mm ²	
Temperature range	-10 °C / +40 °C	
Power supply voltage	5 - 24 V DC, 12/24 V DC road vehicle battery power supply	
Software identification	ADC library	Checksum: 0xE9E5AE66
	DSD library	Checksum: 0xC53C26A5



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Software:

- The checksum will be displayed:
 - Press and hold the SELECT key until SETUP is displayed.
 - Wait until OPER is displayed.
 - Press SELECT until ALIBI is displayed.
 - Press F2 (OK)
 - The ADC checksum will be displayed followed by the DSD checksum.

Revision History

Revision	Date	Change(s)
0	2024-11-15	Initial issue.