OIML Certificate

OIML Member State
The Netherlands

Number R76/2006-A-NL1-24.25 revision 0
Project number 3834276

Issuing authority	NMi Certin B.V. Person responsible: M.Ph.D. Schmidt
Applicant and Manufacturer	A&D Company, Limited 1-243 Asahi Kitamoto-shi, Saitama-ken Japan
Identification of the certified type	An **Indicator** Type : AD-4421
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.

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
23 December 2024

Certification Board

NMi Certin B.V.
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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

This document is digitally signed and sealed. The digital signature can be verified in the blue ribbon on top of the electronic version of this certificate.

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

- No. NMi-3834276-01 dated 23 December 2024 that includes 39 pages;
- No. NMi-3834276-02 dated 23 December 2024 that includes 21 pages.
- No. NMi-3834276-03 dated 23 December 2024 that includes 11 pages.
- No. NMi-3834276-04 dated 23 December 2024 that includes 11 pages.
- No. NMi-3834276-05 dated 23 December 2024 that includes 13 pages.

Characteristics of the indicator:

	Analog load cells
Accuracy class OIML R 76	(III) or (IIII)
Weighing range	Single interval
Maximum number of scale intervals (one weighing range)	n ≤ 10000 divisions
Load cell excitation voltage	5 V DC
Minimum input voltage per verification scale interval	0,5 µV
Minimum load cell resistance	42 Ω
Maximum load cell resistance	1000 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	No special cable length 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	100 – 240 V AC 50/60 Hz
Software identification	Version number: 1.x.xx (x.xx is a number between 0.00 and 9.99 and represents the non-legally relevant software)

Revision History

Revision	Date	Changes
0	2024-12-23	Initial issue.