OIML Certificate

OIML Member State
The Netherlands

Number R76/2006-A-NL1-18.46
Project number 2191772

Issuing authority	NMi Certin B.V. Person responsible: C. Oosterman
Applicant and Manufacturer	A&D Instruments Ltd. Unit 24/26 Blacklands Way, Abingdon Business Park, Abingdon, Oxfordshire, OX14 1DY United Kingdom
Identification of the certified type	An **Indicator** for weighing instruments Type : AD-4406A
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 (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
6 November 2018

C. Oosterman
Head Certification Board

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INSPECTION RvA I 122

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The conformity was established by the results of tests and examinations provided in the associated OIML Type Evaluation Reports:
- No. NMi-2191772-01 dated 5 November 2018 that includes 42 pages;
- No. NMi-2191772-02 dated 5 November 2018 that includes 18 pages.

Characteristics of the indicator:

Accuracy class	(III) or (IIII)
Weighing ranges	Single interval Multi-interval
Maximum number of scale intervals	$n \leq 6000$
Maximum number of partial weighing ranges	2
Load cell excitation voltage	5 V DC
Minimum signal input voltage	U_{min} = 0 mV
Minimum input voltage per verification scale interval	0,5 µV
Minimum load cell resistance	83 Ω
Maximum load cell resistance	3000 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	No special cable length In case a 4-wire connection is used the load cells are connected directly without junction box
Temperature range	-10 °C / +40 °C
Power supply voltage	200 – 240 V AC 50/60 Hz or 7 – 10 V DC by internal battery (size C)
Software identification	Version number: r 1xx (xx is a number between 10 and 99)