OIML Certificate

OIML Member State
The Netherlands

Number R76/2006-A-NL1-22.01
Project number 3477338

Issuing authority	NMi Certin B.V. Person responsible: M.Ph.D. Schmidt
Applicant and Manufacturer	METTLER-TOLEDO Changzhou Measurement Technology Ltd. No.111, West TaiHu Road, Changzhou, Jiangsu, 213125 China
Identification of the certified type	**Indicator / Terminal** Type : ACT350e
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
18 January 2022

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(s):
- No. NMi-2493052-01 revision 1 dated 1 March 2021 that includes 56 pages.

Characteristics of the indicator / terminal:

		Analog load cells
Accuracy class OIML R 76		(III) or (IIII)
Weighing range		Single interval
Maximum number of scale intervals		n ≤ 10000 divisions
Minimum signal input voltage		U_{min} = 0 mV
Load cell excitation voltage		5 V DC
Minimum input voltage per verification scale interval		0,3 µV
Minimum load cell resistance		43 Ω
Maximum load cell resistance		1245 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		1571 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
Climatic environment	humidity	non-condensing
	intended location	Closed
Electromagnetic environment class		E2
Power supply voltage		20 - 28 V DC (not suitable for a road vehicle power supply)

Software identification:

Description	Version	Remarks
Analog mainboard	1.xx.yyyy	-

(xx is a number between 00 and 99 representing major updates of the legally non relevant part of the software and yyyy is a number between 0000 and 9999 and represents minor updates of the legally non relevant part of the software)