

OIML Member State
The Netherlands

Number R76/2006-A-NL1-21.13
Project number 2558088
Page 1 of 2

Issuing authority NMI Certin B.V.
Person responsible: M. Boudewijns

Applicant and Manufacturer Mettler-Toledo GmbH
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Identification of the certified type An **Analog data processing device**
Type : AJB579... with DigiCell / PDC-SG-Ex1

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 **(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**
16 February 2021

Certification Board

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

- No. R76/2006-NL1-10.25 dated 18 November 2010 that includes 49 pages;
- No. NMI-13200233-01 dated 24 October 2013 that includes 19 pages;
- No. NMI-1900621-01 dated 24 May 2017 that includes 31 pages;
- No. NMI-2477319-01 dated 23 October 2020 that includes 21 pages;
- No. NMI-2558088-01 dated 15 February 2021 that includes 17 pages.

Characteristics of the analog data processing device:

	Without ISB	With ISB	
Accuracy class	(III) and (III)		
Maximum number of verification scale intervals	10000	6000	
Load cell excitation voltage	3,3 V DC	1,58 V DC	2,6 V DC
Minimum input voltage per verification scale interval	0,26 μ V		
Minimum load cell resistance	80 Ω	87 Ω	350 Ω
Maximum load cell resistance	3000 Ω		
Temperature range	-10 °C / +40 °C	+5 °C / +40 °C	
Fraction of the maximum permissible error	0,5		
Maximum value of the cable length per cross wire section (6-wire system)	4729 m/mm ²		
Weighing ranges	Single interval Multi-interval Multiple-range		
Maximum number of partial weighing ranges	3		
Power supply voltage	5 V DC For PDC-SG-Ex1: 4,7 V DC to 12,6 V DC		