Physikalisch-Technische Bundesanstalt
Braunschweig und Berlin
Nationales Metrologieinstitut

Member State of OIML
Germany

OIML Certificate No.
R76/2006-DE1-17.02

OIML CERTIFICATE OF CONFORMITY

Issuing Authority

Name:	Physikalisch-Technische Bundesanstalt
Address:	Bundesallee 100, 38116 Braunschweig
Person responsible:	Dr. O. Mack

Applicant

Name:	Minebea Intec Bovenden GmbH & Co. KG
Address:	Leinetal 2, 37120 Bovenden GERMANY

Manufacturer of the certified type is the applicant.

Identification of the certified type	Weighing module Type: ISED

Further characteristics see page 2

This Certificate attests the conformity of the above identified type (represented by the sample or samples identified in the associated Test Report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

R76-1, edition 2006,
for accuracy class(es) (II) and (III)

This Certificate relates only to the metrological and technical characteristics of the type of instrument covered by the relevant OIML Recommendation identified above.

This Certificate does not bestow any form of legal international approval.

R3-0033

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R76/2006-DE1-17.02

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

No. 1.12.4084565/1	that includes 49 pages
No. 1.12.4084565/2	that includes 31 pages
No. 1.12.4084565/3	that includes 39 pages
No. 1.12.4084565/4	that includes 32 pages

Technical data:

Table 1

Type	ISED			
Class	(II)		(III)	
Max	5 kg ...34 kg	50 kg ...64 kg	0,5 kg ...34 kg	2,5 kg ...64 kg
e =	1 g ... 5 g	10 g	1 g ... 10 g	5 g ... 20 g
d =	0,1 g ... 5 g	1 g	d = e	d = e
$n \leq$ [a]	34000	6400	8000	6400
$n_i \leq$ [b]	not applicable		3400	3200
$Max/e_1 \leq$ [a]	not applicable		17000	12800
Tare-balancing range ≤	100 % of Max			
Temperature range	10 °C / + 30 °C	0 °C / + 40 °C	10 °C / + 40 °C	0 °C / + 40 °C
Nominal load of load receptor	40 kg	80 kg	40 kg	80 kg
Initial zero-setting range + dead load ≤ [c]	35 kg	30 kg	39,5 kg	77,5 kg

a) For each range of single- and multiple interval instruments
b) For each range of single- and multiple range instruments
c) The sum of Max, initial zero setting range and dead load shall not exceed the nominal load of the load receptor

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The Issuing Authority

Dr. O. Mack
Member of Certification Body

21.11.2017

The CIML Member

Hon.-Prof. Dr. R. Schwartz
Vice President

21.11.2017

Important note: Apart from the mention of the Certificate's reference number and the name of the OIML Member State in which the Certificate is issued, partial quotation of the Certificate and of the associated Test Report(s) is not permitted, although either may be reproduced in full.