



Physikalisch-Technische Bundesanstalt  
Braunschweig und Berlin

**OIML Member State**

Germany

**OIML Certificate No.**

R76/2006-A-DE1-2019.02

**OIML CERTIFICATE ISSUED UNDER SCHEME A**

**OIML Issuing Authority**

Name: Physikalisch-Technische Bundesanstalt,  
Conformity Assessment Body  
Address: Bundesallee 100, 38116 Braunschweig, GERMANY  
Person responsible: Hon.-Prof. Dr. R. Schwartz

**Applicant**

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

**Manufacturer**

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

**Identification of the certified type** (*the detailed characteristics will be defined in the additional pages*)

Not applicable

**Designation of the module** (*if applicable*)

Weighing module  
Type: ISFE

This OIML Certificate attests the conformity of the above identified type (represented by the sample(s) identified in the OIML type evaluation report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

OIML R 76

Edition (year): 2006

For accuracy class (if applicable): II, III

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

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

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

No. 1.12-4094329 dated 2019-12-11 that includes 7 pages

The technical documentation relating to the identified type is contained in documentation file:

No. ZDS-R76-2006-A-DE1-2019.02 dated 2019-12-11 that includes 2 pages


**OIML Certificate History**

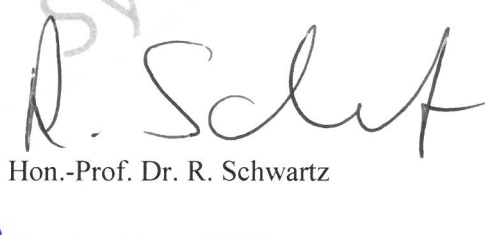
Revision No.	Date	Description of the modification

Identification, signature and stamp

**The Issuing Authority**

**The OIML Member**

  
Dipl.-Ing. K. Schulz

  
Hon.-Prof. Dr. R. Schwartz

Member of Conformity Assessment Body

Vice President of PTB



Date: 11.12.2019

*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 OIML type evaluation report(s) is not permitted, although either may be reproduced in full.

**Identification of the certified type (continued)**

Metrological characteristics of the pattern:

Type	ISFE	
Class	II	III
Max	50...64 kg	2,5...64 kg
$e \geq$	10 g	5...100 g
$d =$	1...10 g	$d = e$
$n^{c)}$	$\leq 5000...6400$	$\leq 500...6400$
$n_i^{a)}$	not applicable	$\leq 3200$
$Max/e_1^{a)}$	not applicable	$\leq 12800$
Tare-balancing range	$\leq 105\%$ of Max	
Temperature range	0 °C to +40 °C	
Nominal load of load receptor	76,8 kg	76,8 kg
Initial zero-setting range + dead load $b)$	$\leq 26,8$ kg	$\leq 74,3$ kg
Additional mechanical dead load	$\leq 30$ kg	

$a)$  This applies only to multi interval instruments

$b)$  The sum of Max, initial zero setting range and dead load shall not exceed the nominal load of the load receptor

$c)$  This applies to each range of single and multiple range instruments