

Issued by NMI Certin B.V.,
designated and notified by the Netherlands to perform tasks with respect to conformity procedures mentioned in Article 13 of Directive 2014/31/EU, after having established that the measuring instrument meets the applicable requirements of Directive 2014/31/EU, to:

Manufacturer SysTec Systemtechnik und Industrieautomation GmbH
Ludwig-Erhard-Strasse 6
D-50129 Bergheim-Glessen
Germany

Measuring instrument **A Non-automatic weighing instrument**

Type : ITx, ITxE, ITxET, ITxM,
(x = 1, 2, 3, 4, 6, 8 or 9)

Further properties are described in the annex:
– Description T8684 revision 5.

Valid until 21 July 2025

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Remark This revision replaces the earlier versions.

Issuing Authority **NMI Certin B.V., Notified Body number 0122**
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Certification Board

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1 General information about the non-automatic weighing instrument

All properties of the non-automatic weighing instrument, whether mentioned or not, shall not be in conflict with the legislation.

This certificate contains references to other certificates. The properties mentioned in these certificates shall be observed in addition to the properties mentioned in this certificate.

1.1 Essential parts

Indicator / analog data processing device / terminal:

Producer	Type	Certificate number	Remarks
Systec GmbH	ITx000E/ET/M where x = 3, 4, 6 or 8	TC8477	-
Systec GmbH	IT2000M	TC8564	-
Systec GmbH	IT1, IT3	TC8796	-
Systec GmbH	PC ScaleView	TC10796	Terminal
Systec GmbH	IT9-AC, IT9-DC	TC11472	Indicator

Weighing module:

Producer	Type	Certificate number	Remarks
Minebea Intec	BD SI & BG SI	DE-15-EC-PTB005	-
Minebea Intec	ISED	DE-17-EC-PTB001	-
Minebea Intec	ISFE	DE-19-EC-PTB001	-
Minebea Intec	ISIG	DE-19-EC-PTB003	-

Any analog passive load cell(s) may be used under this certificate for instruments as described in WELMEC 2.4 Issue 2021, provided the following conditions are met:

- There is a respective certificate (EN45501) or an OIML Certificate (R 60) issued for the load cell by a Notified Body responsible for type examination under Directive 2014/31/EU or Directive 2014/32/EU;
- The load cell shall comply with humidity class **CH** or **SH**;
- The certificate contains the load cell types and the necessary load cell data required for the manufacturer's declaration of compatibility of modules (EN 45501:2015 clause F.4), and any particular installation requirements;
- The compatibility of load cells and indicator is established by the manufacturer by means of the compatibility of modules form, contained in EN 45501:2015 clause F.4, at the time of putting into use;
- The load transmission must conform to one of the examples shown in WELMEC 2.4 Issue 2021.

Any digital load cell(s) may be used under this certificate for instruments as described in WELMEC 2.4 Issue 2021, provided the following conditions are met:

- There is a respective certificate (EN45501:2015) or an OIML Certificate (R 60 (2000), R 60:2017 or R 60:2021) issued for the load cell by a Notified Body responsible for type examination under Directive 2014/31/EU or Directive 2014/32/EU;
- The load cell shall comply with humidity class **CH** or **SH**;
- The digital load cell complies with the appropriate electromagnetic environment class;
- The certificate contains the load cell types and the necessary load cell data required for the manufacturer's declaration of compatibility of modules (EN 45501:2015 clause F.5), and any particular installation requirements;
- The compatibility of load cells and indicator is established by the manufacturer by means of the compatibility of modules form, contained in EN 45501:2015 clause F.5, at the time of putting into use;
- The load transmission must conform to one of the examples shown in WELMEC 2.4 Issue 2021.

1.2 Essential characteristics

Accuracy class	III or IIII
Maximum number of scale intervals	$n \leq$ number of scale intervals in the certificates involved

1.3 Essential shapes

The data plate is secured against removal by sealing or will be destroyed when removed.

The inscriptions Max, Min, e, as required by Directive 2014/31/EU Annex III clause 1.4 are presented in the display by software.

1.4 Conditional parts

The instrument may be equipped with the following parts that further process the measurement result without modification under the conditions stated in the table:

Part	Condition(s)	Reference document
Simple recipient printer	CE marking present	WELMEC 2.10 clause 3.1.3
Printer Data Storage Device	CE marking present and the part is certified to be connected to a weighing instrument by a Notified Body responsible for type examination under Directive 2014/31/EU.	WELMEC 2.10 clause 3.1.3

The non-automatic weighing instrument is fitted with a levelling device and a level indicator, unless the instrument is installed in a fixed position. A ring on the level indicator indicates when the maximum tilt is exceeded.

1.5 Non-essential parts

The non-automatic weighing instrument may be connected to non-essential devices, for example but not limited to bar code readers, foot switches, second displays and cash drawers, provided that:

- They do not present primary data used for purposes mentioned in Directive 2014/31/EU Article 1(2), (a) to (f) unless the (Preliminary observation) in Directive 2014/31/EU Annex I is satisfied;
- They do not lead to an instrument having other essential characteristics than those fixed by this certificate.

2 Seals

To secure components that may not be dismantled or adjusted by the user, the non-automatic weighing instrument has to be secured in a suitable manner on the locations indicated in the certificates involved.

The connecting cable of the load cell or the junction box is provided with possibility to seal.

3 Conditions for conformity assessment

The marks, facilities for the marks and the inscriptions on the non-automatic weighing instrument fulfil the requirements of Directive 2014/31/EU Annex III clause 1.

The compatibility of load cells and indicator is established by the manufacturer by means of the compatibility of modules form, contained in EN 45501:2015 clause F.4 or clause F.5, at the time of putting into use.