

Issued by NMI Certin B.V.,  
designated and notified by the Netherlands to perform tasks with respect to conformity assessment procedures mentioned in article 17 of Directive 2014/32/EU, after having established that the Measuring instrument meets the applicable requirements of Directive 2014/32/EU, to:

Manufacturer swisca AG  
Mettlenstrasse 10  
9050 Appenzell  
Switzerland

Measuring instrument **Discontinuous Totaliser (totalising hopper weigher)**  
Type : CERVO

Further properties are described in the annexes:  
– Description T11849 revision 0;  
– Documentation folder T11849-1.

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Certification Board

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## 1 General information about the discontinuous totaliser

All properties of the discontinuous totaliser, 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:

Producer	Type	Certificate number
swisca	VISCA	TC12002

Any analog passive load cell(s) may be used under this certificate for instruments as described in WELMEC 2.4 Issue 2, 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 2014/32/EU or Directive 2014/31/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, with the adaptation that instead of the verification scale interval the totalisation scale interval is used;
- The load transmission must conform to one of the examples shown in WELMEC 2.4 Issue 2, or with the drawing:

Number	Pages	Description	Remarks
11849/0-01	2	Mechanical construction	-
11849/0-02	2	Load cell force introduction	-

### 1.2 Essential characteristics

Destined to be used for	Weigh-out
Accuracy class	0.2 or 0.5 or 1 or 2 the actual accuracy class is determined at the time of putting into use
Totalisation scale interval	$d_t \geq \text{Max} / (\text{the number of scale intervals mentioned in the certificates involved})$
Electromagnetic environment class	E2

Climatic environment	temperature range	-10 °C / +40 °C
	humidity	non-condensing
	location	Closed

### 1.3 Essential shapes

Inscriptions:

- The Inscriptions fulfil the requirements of Directive 2014/32/EU Annex I, clause 9 and R107-1 clause 3.9;
- The data plate is fixed to the console of the instrument and secured against removal by sealing or will be destroyed when removed.

The instrument may be equipped with peripheral equipment if the peripheral equipment is certified to be connected to a weighing instrument by a Notified Body responsible for type examination under Directive 2014/31/EU or Directive 2014/32/EU taking into account the applicable electromagnetic environment class.

The instrument is installed in a fixed position.

### 1.4 Non-essential parts

The instrument may be connected to non-essential devices, for example but not limited to bar code readers, secondary display's, etc. provided that:

- They do not present primary data;
- They do not lead to an instrument having other essential characteristics than those fixed by this certificate.

Other non-essential parts:

- In feed and out feed of products.

## 2 Seals

To secure components that may not be dismantled or adjusted by the user, the automatic weighing instrument has to be secured in a suitable manner on the locations indicated in the certificate 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 instrument fulfil the requirements of Directive 2014/32/EU.

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 instrument can be used as control weighing instrument for the integral verification method.