



The WZA-SE series

OEM weigh cells



OEM weigh cells

WZA26-NC
WZA245-NC

Outstanding features:

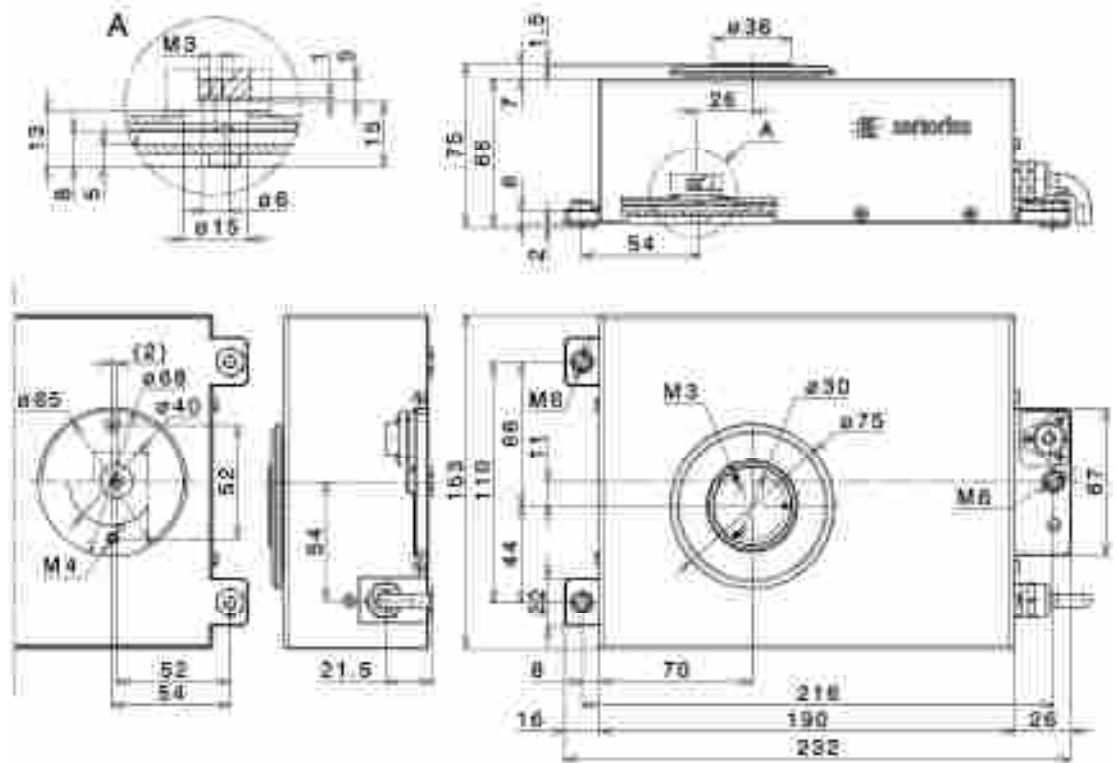
The WZA-NC series is the successor of the well established WZA...CW-line. The products provide a readability of 1/ 10 µg for the weighing capacity of 20/ 240 g. The weighing system as well the electronic are designed for space sensitive applications in stainless steel housings.

The weigh cell consist of two parts:

- A monolithic weighing system in stainless steel IP44 housing
- Stainless steel electronic box, all connection via the front
- Force compensation technology system with a resolution of 1/ 10 µg
- Superb electronics for 24 Mio. step resolution
- Internal calibration weight for easy checks in automated environments
- Load receptor with overload protection
- Possibility for under floor weighing
- Fast warm-up by separation of weighing system and electronics
- USB/ RS232C interface for configuration and data transfer
- Optional PC-software with menu setting, weigh data display and internal calibration functions
- Applications can be found in weighing of samples in automated system, manual pipette calibration and in automated liquid control, e.g. LCD productions.

Model WZA...	26-NC	245-NC
Capacity	20 g	240 g
Readability	1 µg	10 µg





WZA26-NC
WZA245-NC
Dimensions in mm

Technical Data

Model	WZA245-NC	WZA26-NC
Capacity	240 g	20 g
Readability	10 µg	1 µg
Preload ¹⁾	0 g	12.5 g
Repeatability (standard deviation) ²⁾	≤± 20 µg	≤± 2 µg
Linearity	≤± 0.15 mg	≤± 0.02 mg
Measuring time ²⁾³⁾	1.8 s / ± 10 µg	1.8 s / ± 1 µg
Operating temperature range	+10 +30 °C	
Allowable temperature range	+5 +40 °C	
Weigh cell dimension	153 x 232 x 75 mm (base x height)	
Electronic / PCB dimension	196 x 142 x 42 mm (base x height)	
Load receptor (with overload protection)	36 mm (diameter) Weight of the load receptor is 12.5 ± 0.5 g	
Under floor load receptor	M3 thread	
Cable length weigh cell to electronics	2.8 m	
Power supply	TNG10 / 6971987; 115/230 V _{AC} , +15 ... - 20%, 48-60 Hz	
Power supply (alternative)	15...26, optimal 15V (+15% -10%); 0.5V _{PP} (Peak to Peak)	
Power consumption	9 VA (average)	
Interface	USB-B, RS232C, software / hardware handshake; No system power via RS232 connector	

Options / Accessories

Windows configuration software for test and adjustment	Sartorius CAS Suite
Liquid-crystal display	YAC01CU

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- 1) the preload can be configured by using the Sartorius CAS Suite software; higher preload will reduce the weighing range
- 2) depending on measurement equipment set-up and conditions;
- 3) measuring time is the time in which the measured value is in the given range around the static end value; test weight is approx. 25% of the weighing range

Specifications are subject to change without notice.

Current status: November 2012
Version: 3.4