

The Basic series

OEM weigh cells



OEM weigh cells

WZA822-B
WZA8201-B

Outstanding features:

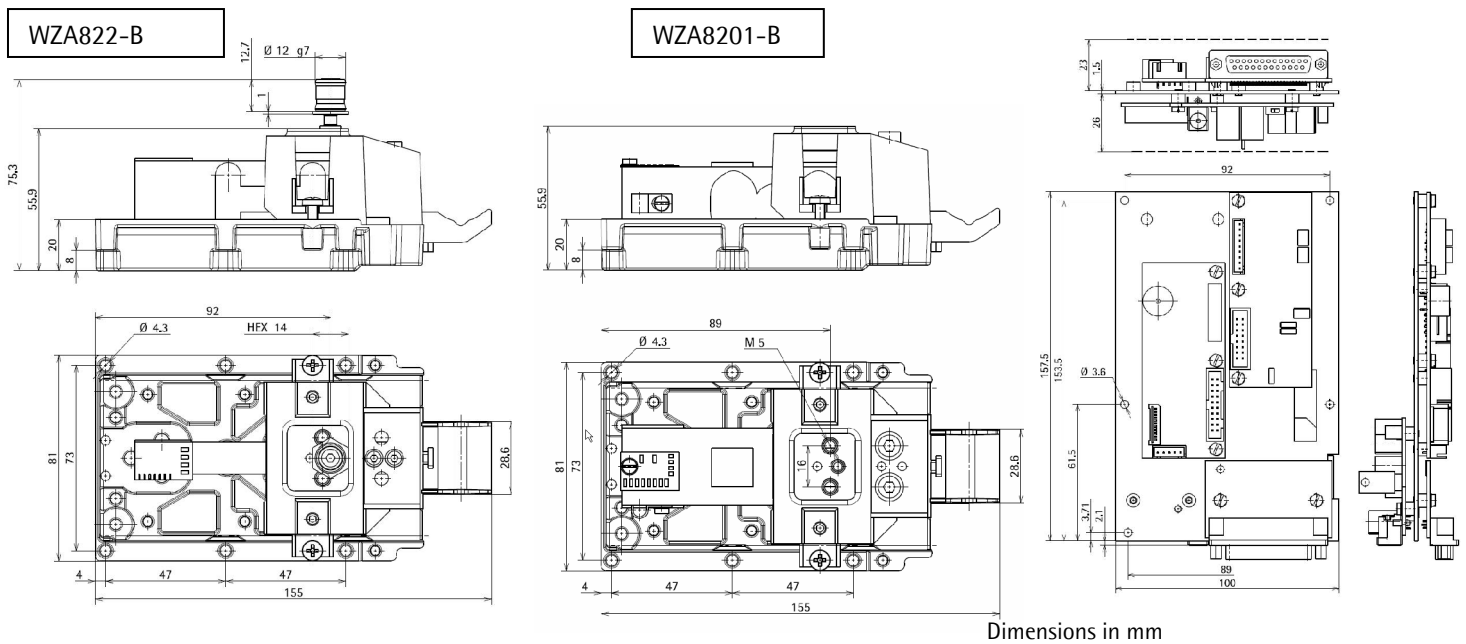
The Basic series focus just on the essentials. Sartorius provides the mechanical and electronic solution. You should provide the build inn design into your system-solution. In this way a very cost efficient weighing device is realised.

The weigh cell consist of two parts:

- Weigh cell mechanical system
- Electronic mounted on metal plate
- Robust strain gauge weighing system with a resolution of as low as 10 mg
- Adjustable load receptor with overload and lift-off protection
- Possibility for under floor weighing
- Fast warm-up by separation of weighing system and electronics
- Easy adaptation to space requirements
- RS232C interface for configuration and data transfer
- Configuration software available

WZA...	822-B	8201-B
Capacity	820 g	8200 g
Readability	10 mg	100 mg





Technical Data

Model	WZA822-B	WZA8201-B
Capacity	820 g	8200 g
Readability	10 mg	0.1 g
Required preload on pan support ¹⁾	170±40 g	730±400 g
Linearity	≤± 30 mg	≤± 0.3 g
Response time ²⁾	≤ 0.5 s	≤ 0.3 s
Operating temperature range	+10 +30 °C	
Allowable temperature range	+5 +40 °C	
Weigh cell dimension	155 x 81 x 74 mm	155 x 81 x 55 mm
Electronic / PCB dimension	160 x 100 x 50 mm	
Cable length weigh cell to electronics	0.1 m	
Load receptor adjustable (with overload protection)	12 mm Ø	Two M5 threads in the load receptor area
Under floor load receptor	Hook	
Power supply (optional)	STNG6, 230 or 115 V _{AC} , +15 ... - 20%, 48-60 Hz	
Power supply (alternative)	12...26, optimal 15V (+15% -10%); 0.5V _{PP} (Peak to Peak)	
Power consumption	3.4 W (typical)	
Interface	RS232C software / hardware handshake; No system power via RS232 connector	
Quantity of delivery	Multiple of eight units; just one could be ordered as Demo unit with additional cost	

Options / Accessories

Windows configuration software for test and adjustment	Sartorius CAS Suite
Power supply STNG6	on request

Sartorius Weighing Technology GmbH
 Weender Landstrasse 94-108
 37075 Goettingen, Germany

Phone +49.551.308.0
 Fax : +49.551.308.3502

info.mechatronics@sartorius.com
 www.sartorius-mechatronics.com

- 1) the preload can be configured by using the Sartorius CAS Suite software, greater preloads are possible, but reduce the weighing capacity depending on measurement equipment set-up and conditions
- 2)

Specifications are subject to change without notice.

Current status: July 2011
 Version: 2.0