



OEM Weigh Cell

WZ64S
WZ124S
WZ214S



Weigh cell featuring electromagnetic force compensation

Model	WZ64S	WZ124S	WZ214S
Capacity	60 g	120 g	210 g
Readability	0,1 mg	0,1 mg	0,1 mg

Outstanding features

The weigh cell consists of two main components:

- A monolithic weigh system, based on force compensation technology
- The respective PCB

Weighing data generated by the weigh cell is available via the interface port and/or on the optional display.

Using an external calibration weight, the weigh cell can be adjusted either via the RS-232 interface or by activating the calibration function on the optional display and keypad unit.

An adjustable load receptor allows mounting of mechanical user - designed devices on top. This load receptor includes overload protection.

These components should be integrated in a housing that complies with the local legal recommendations

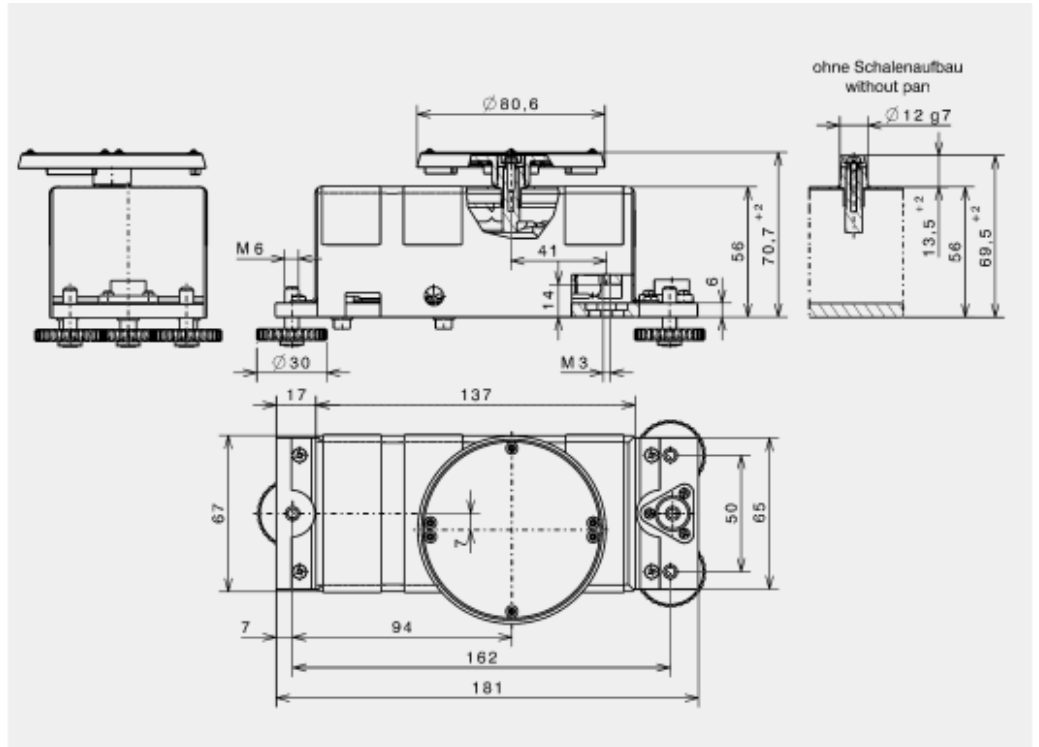
As separate options you could choose:

- the serial output port RS485
- The Display unit YAC01LP



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Model		WZ64S	WZ124S	WZ214S
Weighing capacity	g	60	120	210
Preload range ¹⁾	g	200	140	50
Readability	mg	0.1	0.1	0.1
Repeatability (standard deviation) ²⁾	<±mg	0.1	0.1	0.1
Linearity	<±mg	0.2	0.2	0.2
Response time ²⁾	s	2	2	2
Operating temperature range	°C	+10...+30°C		
Allowable ambient temperature range	°C	+5...+40°C		
Weigh cell dimensions	mm	181 x 67 x 56 (base plate x height)		
Electronic PCB dimensions	mm	220 x 108 x 30 (base x height)		
Adjustable load receptor with overload protection	mm	12 Diameter, 13.5 ⁺² height over housing		
M3 thread		for attaching user devices underneath		
Power supply unit STNG6	VAC	230 or 115, +15%...-20% / 48-60 Hz		
Alternative: direct voltage supply	VDC	on request		
Power consumption	VA	8 average		
Built-in interface		RS232C software/hardware handshake		

Options | Accessories

Windows® configuration software for test and adjustment	YAD01IS
Liquid-crystal display (LCD)	YAC01LP
RS-485 interface	available on request

¹⁾ the preload could be extended with the software YAD01IS

²⁾ depending on the measuring equipment set-up and conditions