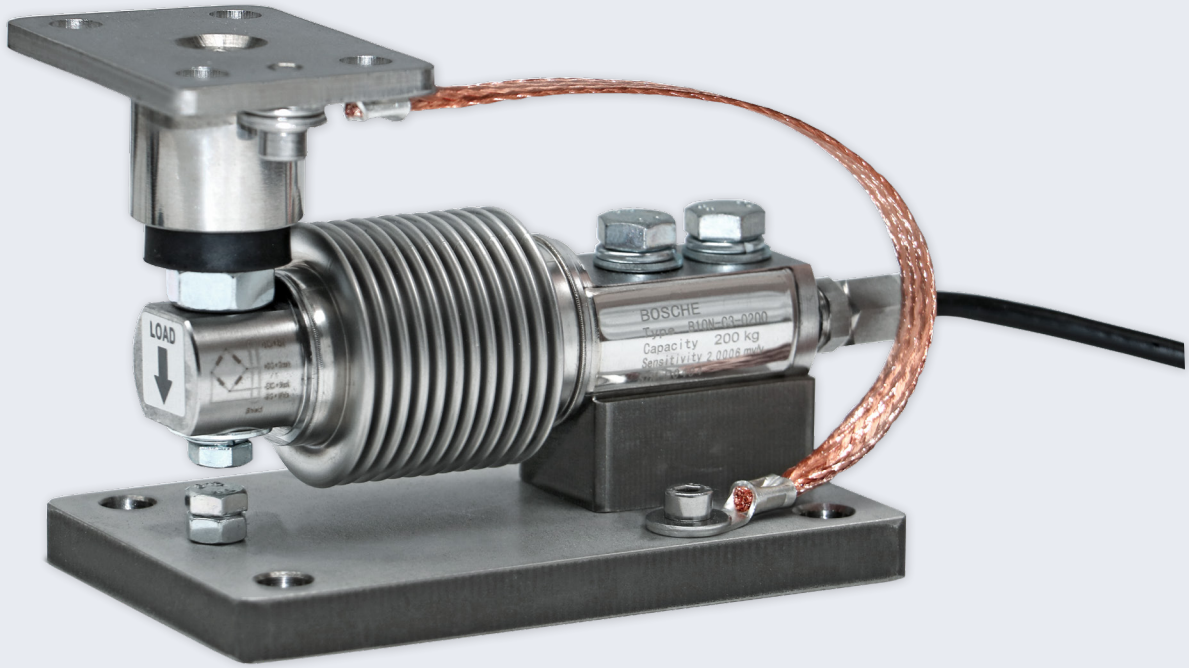
BOSCHE
WEIGHING SYSTEMS

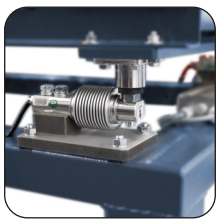
Weighing Module *B10-MB*



Features

- Ideal for hopper or tank weighing applications
- Material: Stainless steel or alloyed steel
- Nominal load: 5 kg - 250 kg
- Load cell hermetically sealed
- Particularly robust for long-term use in industrial applications
- Easy installation
- Low construction height
- Limited tilt protection







Area of application

- Weighing of small and medium containers, mixers and tanks
- Dispensing and bagging scales
- Packaging machines in the process industry

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BOSCHE
WEIGHING SYSTEMS

Weighing Module *B10-MB*

Lastecke für Biegestabwägezellen

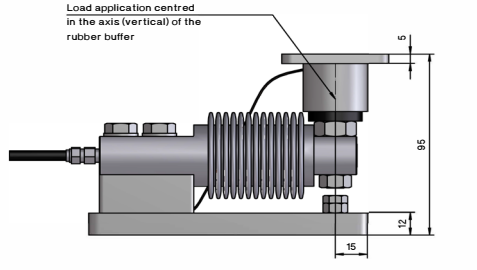
The weighing module B10-MB was specially developed for Beam type load cells of the B10N and B10S series. The elastomer force application ensures optimum load transfer. The base and base plate are made of stainless steel. The elastomer bearing compensates misalignments, shock loads and slight vibrations. At the same time, it has a self-centring effect via elastomer restoring forces. The load cells B10N made of stainless steel or B10S made of alloy steel can be installed as required and are legal for trade up to 3000D according to OIML, R60 and deliver very precise and reproducible measurement results even in long-term use in harsh industrial environments.

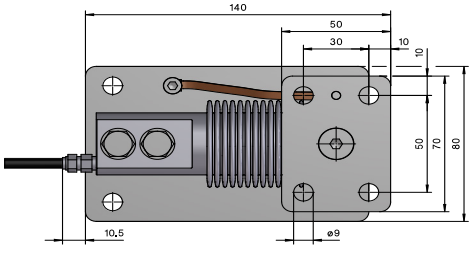
The load cells are calibrated for output power as standard, which enables simple and accurate parallel connection of several load cells. The load cells are laser-welded and meet the requirements of the IP65 protection class.

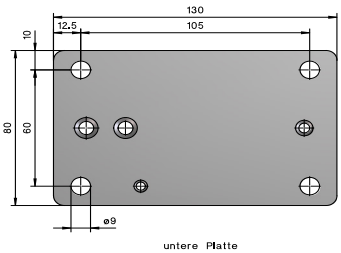
TECHNICAL DETAILS

Accuracy class		C3, G3
Maximum capacity(E_{max})		5 kg, 10 kg, 20 kg, 50 kg, 75 kg, 100 kg, 150 kg, 200 kg, 250 kg, 500 kg
Maximum number of intervals (n_{LC})		3000
Output sensitivity (C_n) / Tolerance	mV/V	2,0 ± 0,002
Minimum dead load (E_{min})		0
Ratio of min LC verification interval (Y = Emax / vmin):	% of Emax	10.000
Limit load (EL) **Breaking load (Ed)**	% of Emax	120 150
Recommended supply voltage (Uref) **Excitation, maximum (BU)**	V	5 - 12 15
Zero balance	% of Cn	≤ ± 5%
Input resistance (RLC) at reference temperature	Ω	400 ± 20
Output resistance (RO) at reference temperature	MΩ	352 ± 3
Insulation resistance	MΩ	>5.000
Nominal temperature range (BT)	°C	- 10 ... + 40
Operating temperature range (Btu):	°C	- 30 ... + 70
Protection class (DIN 40.050 / EN 60529)		IP 65
Length of cable	m	3
Material		Stainless steel

TECHNICAL DRAWINGS







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