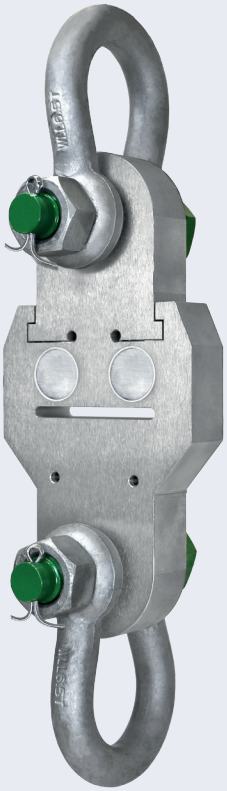
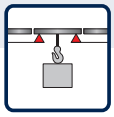
BOSCHE
WEIGHING SYSTEMS

Weighing module *D62S-MZ*







Features



- Material: Alloy steel
- Nominal load: 6,000 kg
- Protection class: IP65
- Construction: The measuring element is cast
- Particularly robust for tough continuous use in industrial applications
- Compact dimensions and minimum distance between the upper and lower shackle
- Integrated overload protection of the measuring element

Scope of application:

- Determination of loads for hoists
- Hybrid scales conversion
- Force measurement
- Dosing, crane scales
- Measuring and testing technology
- Suspended hopper scales
- As force transducer (calibrated in Newton)

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BOSCHE
WEIGHING SYSTEMS

Weighing module *D62S-MZ*

Weighing module for measuring tensile and compressive forces

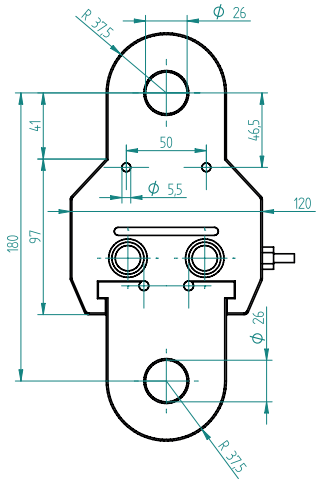
The D62S tension force weighing module was specially designed for measuring tensile forces. Through-holes in the upper and lower parts of the load cell ensure optimum force transmission in the direction of pull. The special geometry provides good overload protection. The load cells are made of high-alloy tool steel and are characterised by high accuracy and linearity.

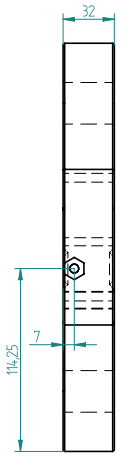
The D62S tension measuring straps provide extremely precise and reproducible measuring results even in long-term use in harsh industrial environments. The load cell is potted and meets the requirements of protection class IP65. Due to simple integration possibilities, these weighing modules are often offered as force transducers and calibrated in Newton.

TECHNICAL DETAILS

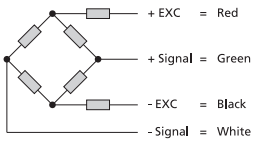
Accuracy class according to OIML R 60:		0,03
Nominal load (E_{max})	kg	6.000
Number of division values (n_{LC})		3000
Nominal value (C_n) / Characteristic tolerance	mV/V	1,5 ± 0,2
Minimum preload (E_{min})		0
Limit load (EL) **Breaking load (Ed)**	% from Emax	120 200
Recommended supply voltage (Uref) **Maximum permissible supply voltage (BU)**	V	5 - 12 10 - 15
Zero adjustment	% v. Cn	≤ ± 1
Input resistance (RLC) at reference temperature	Ω	700 ± 10
Output resistance (RO) at reference temperature	Ω	700 ± 5
Insulation resistance	MΩ	> 5 000
Nominal temperature range (BT)	°C	- 10 ... + 40
Protection class according to (DIN 40.050 / EN 60529)		IP 65
Cable length		3 m
Material		Alloy steel

TECHNICAL DRAWINGS





Electrical connection
4-wire cable



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