BOSCHE
WÄGETECHNIK

Single point load cell *H60N*

Features

- Construction: Stainless steel, laser-welded
- Capacity: 250 kg - 1.250 kg
- Accuracy class C3, Y=15.000
- Approved to OIML R60 up to 3000d
- Design: The measuring element is hermetically sealed and has a calibrated output current
- Protection class: IP 66
- Off center load compensated
- Load Cell is suitable for platform sizes up to 600 x 800 mm
- Robust flat design for harsh industrial environment
- Compatible with other sources

Scope of application:

- Scales in the food industry,
- wall scales,
- platform scales in the chemical industry,
- belt scales, overhead conveyor scales, weighfeeders and
- contact pressure measurements in the paper industry.

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Single point load cell *H60N*

Robust aluminium load cell

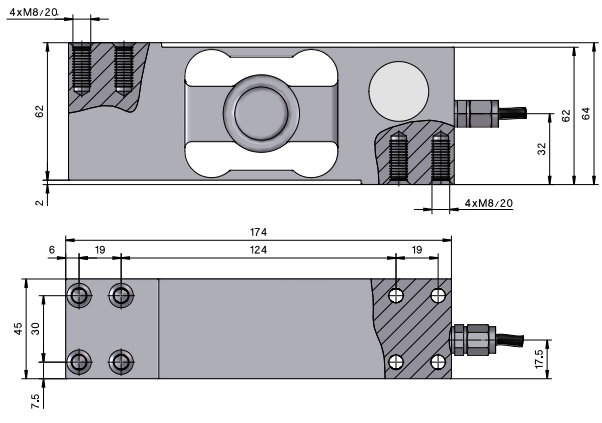
The H60N are platform load cells with parallel guide and central bending eye made of stainless steel. The fully welded construction makes them ideal for use in the chemical industry, food industry and similar industries. As standard, the H60N load cells are tested and optimised for corner load sensitivity. This means that no measuring errors occur even if the platform is only loaded at one corner.

The H60N load cell is legal for trade up to 3000D according to OIML, R60, and delivers extremely precise and reproducible measurement results even in long-term use in harsh industrial environments. The load cell is laser-welded and meets the requirements of protection class IP66.

TECHNICAL DETAILS

Accuracy class according to OIML R 60		C3
Nominal load (E_{max})	kg	250, 500, 750, 1.000, 1.250
Number of division values (n_{LC})		3000
Nominal value (C_n) / Characteristic tolerance	mV/V	2,0 ± 0,2
Characteristic value of the relative minimum division value d. WZ (Y = Emax / vmin)	% from Emax	15.000
Minimum preload (E_{min})		0
Grenzlast (E_L) **Bruchlast (E_d)**	% from Emax	150 300
Recommended supply voltage (U_{ref}) **Maximum permissible supply voltage (B_U)**	V	5 - 12 15
Zero adjustment	% v. Cn	± 3
Input resistance (R_{LC}) at reference temperature **Output resistance (R_O) at reference temperature**	Ω	400 ± 20 352 ± 3
Insulation resistance	MΩ	> 5.000
Nominal temperature range (B_T)	°C	- 10 ... + 40
Protection class according to (DIN 40.050 / EN 60529)		IP 66
Cable length		6 m
Material		Stainless steel
Maximum platform size	mm	600 x 600

TECHNICAL DRAWINGS



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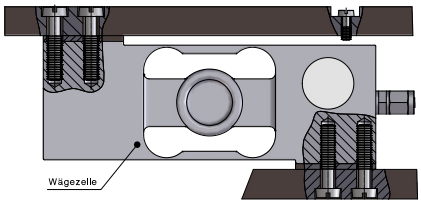
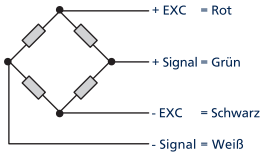


Elektrischer Anschluss
4 -Leiter - Kabel



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