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Platform Load Cell *H62N*

Features

- Material: stainless steel
- capacity: 10 kg - 200 kg
- Accuracy class C3, Y = 12.500 (optional 25.000)
- Certifiable according to OIML R60 300D or 4000D
- Construction: The measuring element is laser welded, protection class: IP65
- Compensated corner load failure
- Max. Platform size: 350 x 350 (10~20 kg) / 500 x 500 (50 kg) / 600 x 600 (100~200 kg)
- Particulary robust for heavy duty applications in the industrial sector
- Compatible with other manufactures

Scope of application:

- Scales in the food industry
- Bench scales
- Checkweighers in the pharmaceutical industry
- Belt scales, overhead conveyor scales, dosing scales
- Packaging machiness

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Platform Load Cell *H62N*

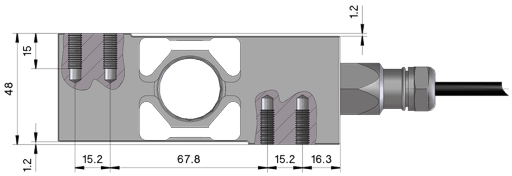
Stainless steel single point load cell

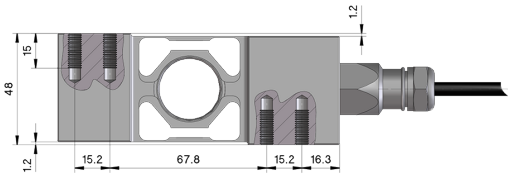
The H62N are single point load cells with parallel central bending eye made of stainless steel. The fully welded, hermetically sealed stainless steel construction predestines this load cell for use in harsh and wet environments (chemical industry, food industry, etc.). As standard, the H62N load cells 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 H62N load cell is legal for trade according to accuracy class C3 up to 3000D (optionally in C4 with 4000D) according to OIML R60 and is also available in increased accuracy (Y=25,000). This increased Y-value enables the construction of dual-range scales. The load cell is laser-welded and meets the requirements of protection class IP65.

TECHNICAL DETAILS

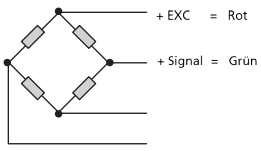
Accuracy class according to OIML R 60		C3 (optional C4)
Nominal load (E_{max})	kg	10, 20, 50, 100, 200
Number of division values (n_{LC})		3000 (4000)
Nominal value (C_n) / Characteristic tolerance	mV/V	2,0 ± 0,2
Characteristic value of the relative minimum division value d. WZ (Y = Emax / vmin)	% from Emax	12.500 (optional 25.000)
Minimum preload (E_{min})		0
Grenzlast (E_L) **Bruchlast (E_d)**	% from Emax	200 300
Recommended supply voltage (U_{ref}) **Maximum permissible supply voltage (B_U)**	V	5 - 15 15
Zero adjustment	% v. Cn	± 3
Input resistance (R_{LC}) at reference temperature **Output resistance (R_O) at reference temperature**	Ω	1100 ± 50 960 ± 50
Insulation resistance	MΩ	> 5.000
Nominal temperature range (B_T)	°C	- 10 ... + 40
Protection class according to (DIN 40.050 / EN 60529)		IP 65
Encapsulation		Plastic encapsulation
Cable length		6 m
Material		Stainless steel

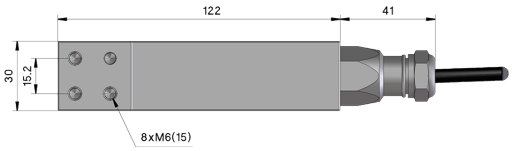
TECHNICAL DRAWINGS

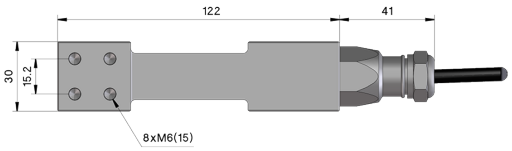




Elektrischer Anschluss
4 -Leiter - Kabel







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