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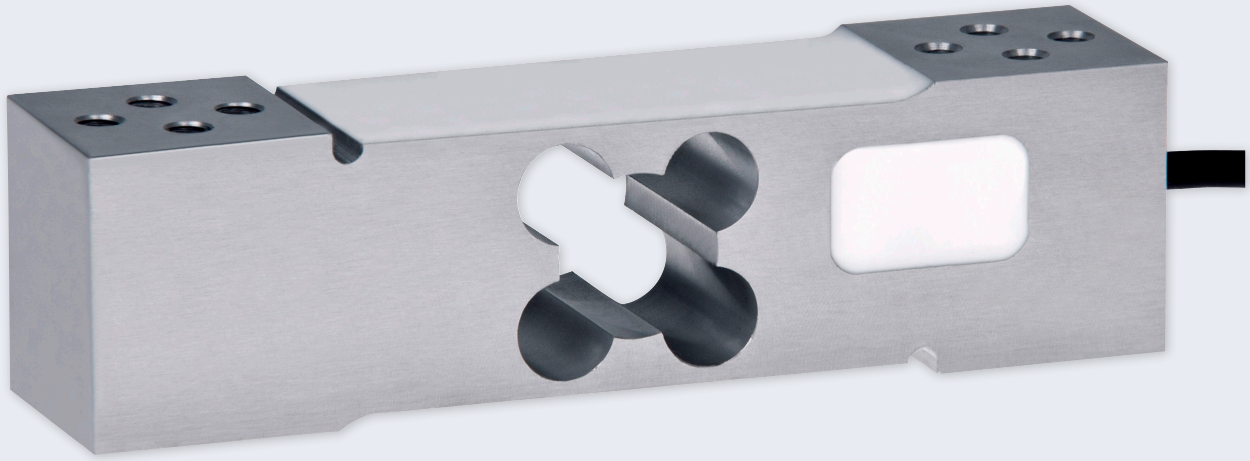
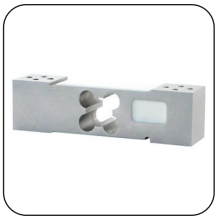
Single point load cell *H30A*



Features

- Material: Aluminium
- Capacity: 15 - 300 kg
- Accuracy class C3, Y=7.500
- Approved to OIML R60 up to 3000d
- Design: The measuring element is potted
- Protection class: IP 65
- Off center load compensated
- Load Cell is suitable for platform sizes up to 300 x 400 mm (15~50 kg); 500 x 600 (100~300 kg)
- Robust design for harsh industrial environment
- Compatible with other sources



Scope of application:

- Bench scales
- Platform scales
- Belt dosing scales
- Filling scales
- Checkweighers

+49 (0) 5491.999.689.0
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Single point load cell *H30A*

Aluminium single point load cell

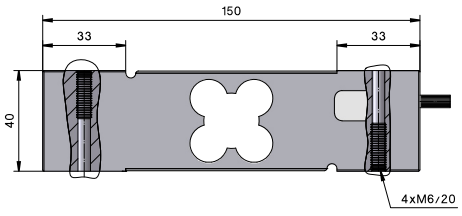
The H30A is an aluminium platform load cell. It is suitable for medium and larger platform scales with one load cell, as well as for class III commercial scales. As standard, the H30A load cells are tested and optimised for corner load sensitivity. This means that no measurement errors occur even if the platform is only loaded in one corner.

The H30A single point 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. The measuring body is made of aluminium and can also be used in humid or dusty environments thanks to the IP65 protection class.

TECHNICAL DETAILS

Accuracy class according to OIML R 60		C3
Nominal load (E_{max})	kg	15, 30, 50, 100, 150, 200, 300
Number of division values (n_{LC})		3000
Nennkennwert (C_n) / Kennwerttoleranz	mV/V	2,0 ± 0,2
Characteristic value of the relative minimum division value d. WZ (Y = Emax / vmin)	% from Emax	7.500
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	± 0,2
Input resistance (R_{LC}) at reference temperature **Output resistance (R_O) at reference temperature**	Ω	404 ± 10 350 ± 3
Insulation resistance	MΩ	> 2 000
Nominal temperature range (B_T)	°C	- 10 ... + 40
Protection class according to (DIN 40.050 / EN 60529)		IP65
Encapsulation		Plastic encapsulation
Cable length		1,8 m
Material		Aluminium
Maximum platform size	mm	400 x 400

TECHNICAL DRAWINGS



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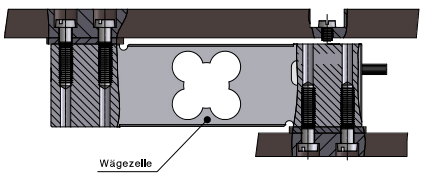
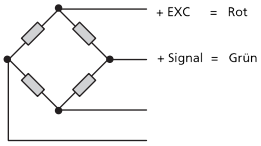
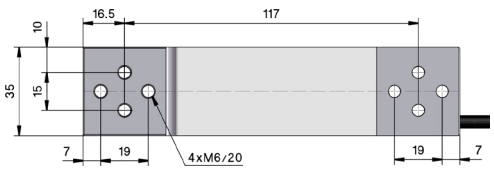


Elektrischer Anschluss
4 -Leiter - Kabel





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BOSCHE GmbH & Co. KG
Reselager Rieden 3
49401 Damme