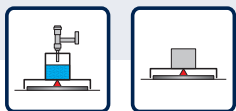
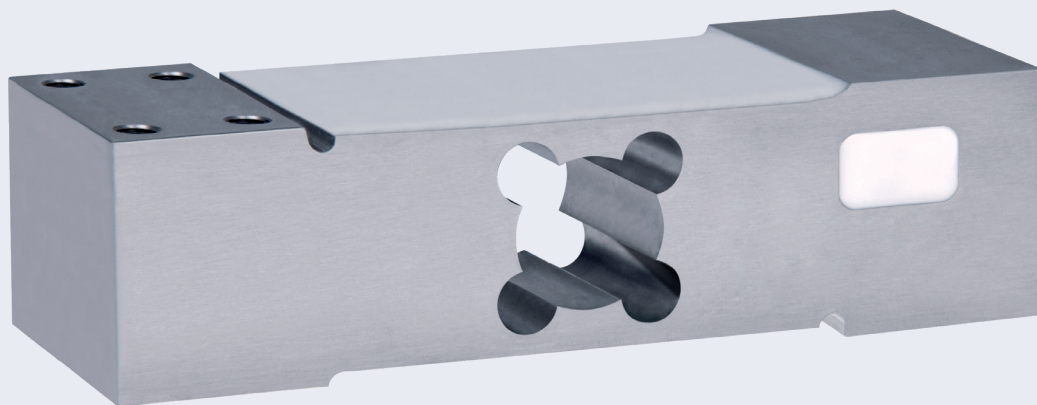


▶ Single point load cell *H40A*

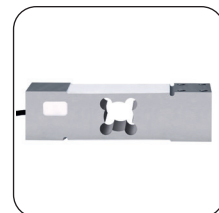


Features

- ▶ Material: Aluminium
- ▶ Capacity: 100 - 500 kg
- ▶ Accuracy class up to C4 (C3 as standard, C4 on demand), Y=15.000
- ▶ Approved to OIML R60 up to 4000d
- ▶ Design: The measuring element is potted
- ▶ Protection class: IP 65
- ▶ Off center load compensated
- ▶ Load Cell is suitable for platform sizes up to 500 x 500 mm
- ▶ Robust flat design for harsh industrial environment
- ▶ Compatible with other sources

Scope of application:

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



Single point load cell H40A

Load cell for medium and larger platform scales

The H40A 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 H40A load cells are tested and optimised for corner load sensitivity. This means that no measuring errors occur even if the platform is only loaded in one corner.

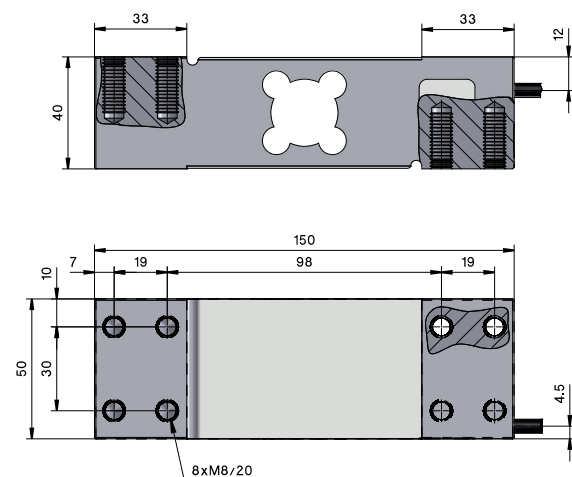
The H40A load cell is legal for trade up to 4000D according to

OIML, R60 and delivers extremely precise and reproducible measuring results even in long-term use. The spring body of the load cell is made of aluminium, the strain gauge is encapsulated, thus it meets the requirements of protection class IP65.

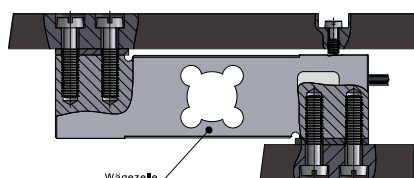
TECHNICAL DETAILS

Accuracy class according to OIML R 60		C3 (optional C4)
Nominal load (E_{max})	kg	100, 150, 200, 300, 400, 500
Number of division values (n_{LC})		3000 (4000)
Nominal value (C_n) / Characteristic tolerance	mV/V	$2,0 \pm 0,2$
Characteristic value of the relative minimum division value d. WZ ($Y = E_{max} / v_{min}$)	% from E_{max}	15.000
Mindestvorlast (E_{min})		0
Grenzlast (E_L) Bruchlast (E_B)	% from E_{max}	150 300
Recommended supply voltage (U_{ref}) Maximum permissible supply voltage (B_U)	V	5 - 12 15
Zero adjustment	% v. C_n	0,2
Input resistance (R_{LC}) at reference temperature Output resistance (R_O) at reference temperature	Ω	404 ± 10 350 ± 3
Insulation resistance	M Ω	> 2.000
Nominal temperature range (B_T)	°C	- 10 ... + 40
Protection class according to (DIN 40.050 / EN 60529)		IP65
Cable length		1,8 m
Material		Aluminium
Maximum platform size	mm	500 x 500

TECHNICAL DRAWINGS



Einbaubeispiel



Elektrischer Anschluss 4-Leiter - Kabel

