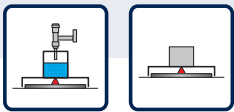
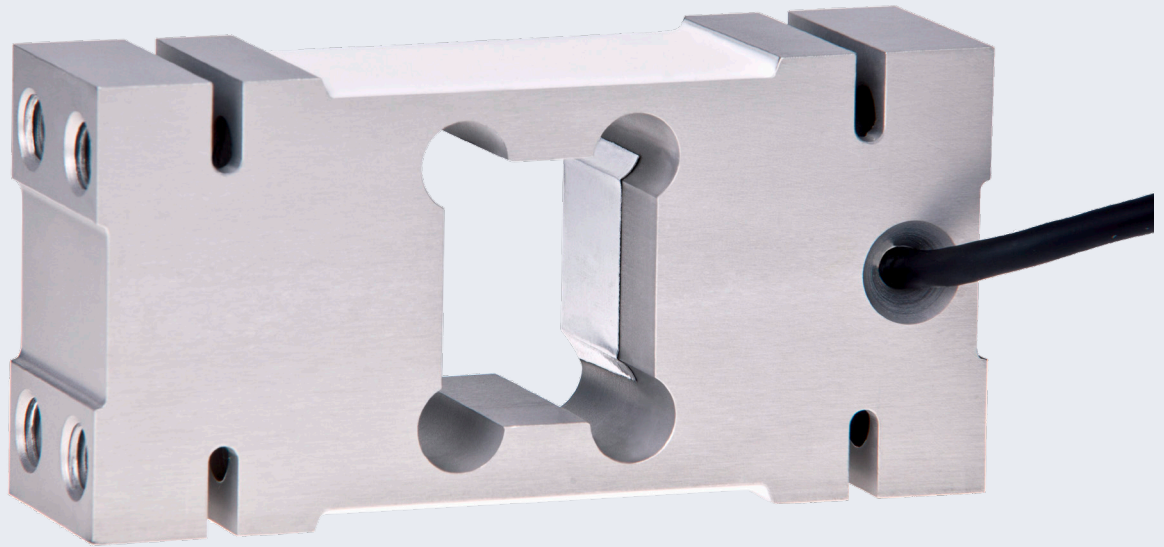


# ▶ Single point load cell *H50A*



## Features

- ▶ Material: Aluminium
- ▶ Capacity: 50 - 2.000 kg
- ▶ Accuracy class C3,  $\gamma=7.000$
- ▶ Approved to OIML R60 up to 3000d
- ▶ Design: The measuring element is potted
- ▶ Protection class: IP 65
- ▶ Load Cell is suitable for platform sizes up to 600 x 600 mm (50-200 kg), 600 x 800 mm (250-500 kg) and 1200 x 1200 mm (750-2000 kg)
- ▶ Robust flat design for harsh industrial environment
- ▶ Compatible with other sources

### *Scope of application:*

- ▶ Platform scales
- ▶ Belt dosing scales
- ▶ Filling scales
- ▶ Filling machines
- ▶ Checkweighers
- ▶ Bagging scales
- ▶ Overhead conveyor scales
- ▶ Sales scales

## Single point load cell H50A

### Robust aluminium load cell

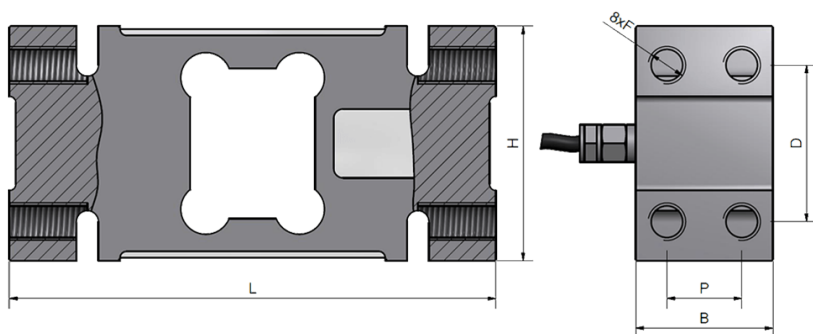
The H50A is an aluminium platform load cell. It is suitable for platform scales with a platform size of up to 120 x 120 cm with higher weighing ranges of class III. The H50A load cell is legal for trade up to 3000D

according to OIML, R60, and provides extremely precise and reproducible measurement results even in long-term use. The load cell is potted and meets the requirements of protection class IP65.

### TECHNICAL DETAILS

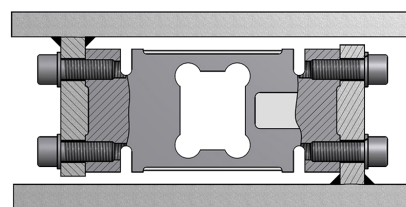
Accuracy class according to OIML R 60		C3
Nominal load ( $E_{max}$ )	kg	100, 150, 200, 250, 500, 750, 1.000, 2.000
Number of division values ( $n_{LC}$ )		3000
Nominal value ( $C_n$ ) / Characteristic tolerance	mV/V	$2,0 \pm 0,2$
Characteristic value of the relative minimum division value d. WZ ( $Y = E_{max} / v_{min}$ )	% from $E_{max}$	7.000
Minimum preload ( $E_{min}$ )		0
Grenzlast ( $E_L$ ) Bruchlast ( $E_d$ )	% from $E_{max}$	150 300
Recommended supply voltage ( $U_{ref}$ ) Maximum permissible supply voltage ( $B_U$ )	V	5 - 12 15
Zero adjustment	% v. $C_n$	$\pm 2$
Input resistance ( $R_{LC}$ ) at reference temperature Output resistance ( $R_o$ ) at reference temperature	$\Omega$	$406 \pm 6$ $350 \pm 3$
Insulation resistance	M $\Omega$	> 5.000
Nominal temperature range ( $B_T$ )	$^{\circ}C$	- 10 ... + 40
Protection class according to (DIN 40.050 / EN 60529)		IP 65
Cable length		3 m
Material		Aluminium

### TECHNICAL DRAWINGS

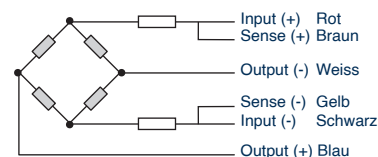


Load	L	H	B	P	D	F
50 - 200 kg	156	75	44	24	50	M12
250 - 500 kg	146	95	60	36	70	M12
750 - 2.000 kg	176	125	76	46	95	M16

### Einbaubeispiel



### Elektrischer Anschluss 6-Leiter-Kabel



Alle Angaben in mm | Technische Änderungen vorbehalten