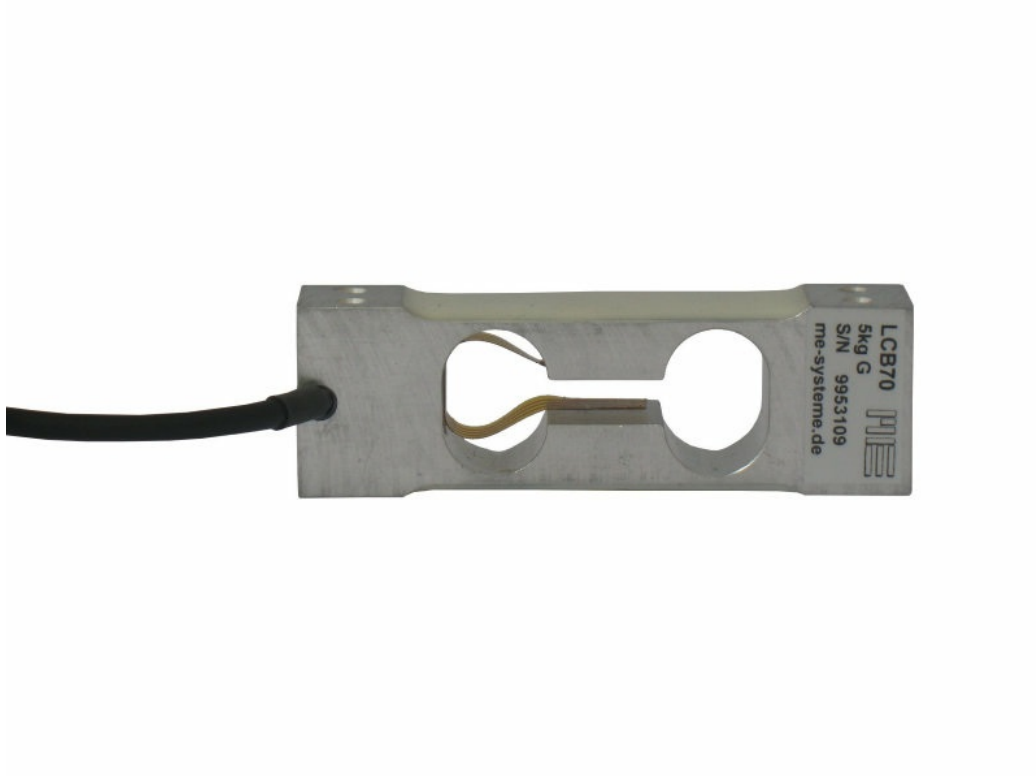
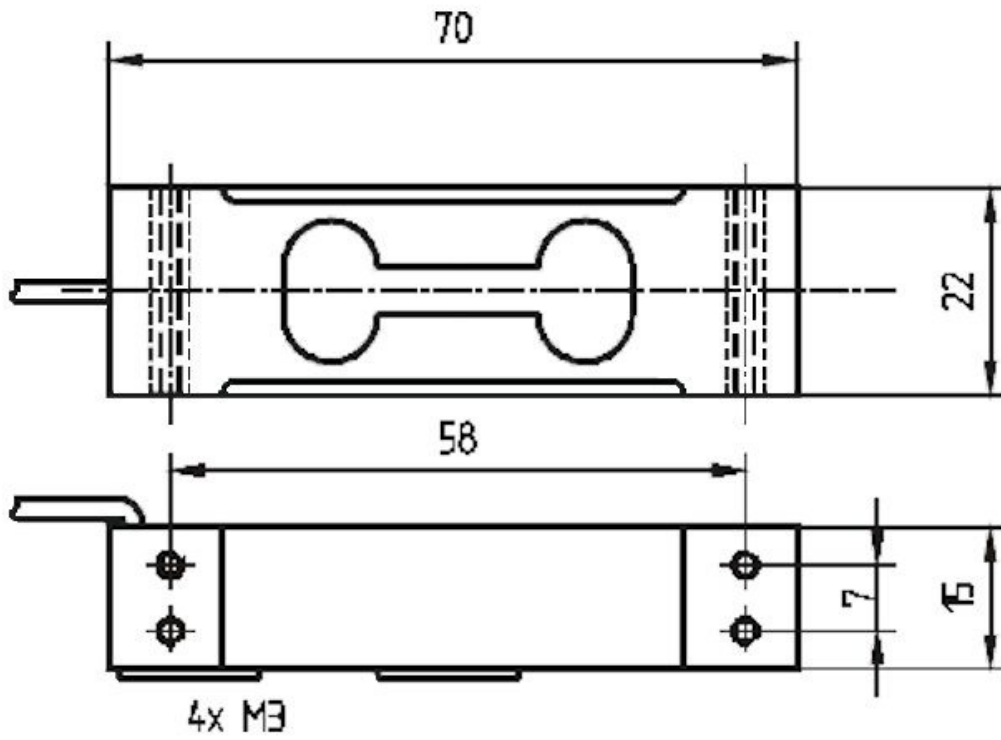


## LCB70 2kg, 5kg



## Description

## Dimensions





## Technical Data

### Kraftsensoren

Type	load cell
Force direction	Compression
Material	Aluminium alloy
Breaking force	300 %Fs

### Elektrische Daten

Input resistance	400 Ohm
Tolerance input resistance	20 Ohm
Output resistance	350 Ohm
Tolerance output resistance	3.5 Ohm
Insulation resistance	2 GOhm
Rated range of excitation voltage f	2.5 ... 5 V
Operating range of excitation voltage f	1 ... 10 V
Zero signal	10 %Fs
Rated output	2 mV/V
relative error of characteristic value	0.1 mV/V

### Precision

Accuracy class	0,1%
Temperature effect on zero signal	0.1 % Fs / 10°C
Temperature effect on characteristic value	0.03 % Rd / 10°C
Relative creep	0.05 %Rd

### Connection Data

Connection type	4 conductor open
Cable length	0.4 m

### Temperature

Rated temperature range f	-10 ... 40 °C
Operating temperature range f	-30 ... 70 °C
Storage temperature range f	-30 ... 70 °C
Environmental protection	IP66



## Pin Configuration

Channel	Symbol	Description	Wire colour	PIN
	+Us	positive bridge supply	green	
	-Us	negative bridge supply	black	
	+Ud	positive bridge output	red	
	-Ud	negative bridge output	white	

## accessories

### Description Description

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GSV-15KL4

Junction box with measuring amplifier for sensors with strain gauges. Analogue output  $\pm 10$  Volt and 4...20 mA configurable.

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KL4 CG

clamping box for parallel connection of 4 sensors, dimensions: 175mm x 105mm x 60mm, 4xPG9, 7-pole

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KL4 M12

clamping box for parallel connection of 4 sensors, dimensions: 175mm x 105mm x 60mm, 4xM12 female, 1xM12 male

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