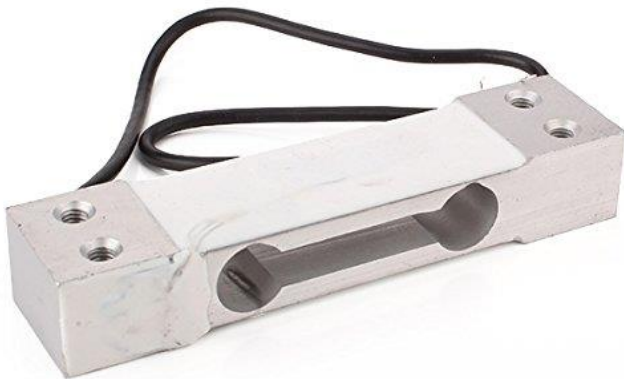


# Vejecelle Type YZC-1b



## Single-Point Aluminum Load Cell



### FEATURES

- Capacities: 40 or 50 kg
- Only 22 mm high
- Aluminum construction
- Single-point 350 x 350 mm platform
- IP66 protection

### APPLICATIONS

- Bench scales
- Counting scales
- Grocery scales

### DESCRIPTION

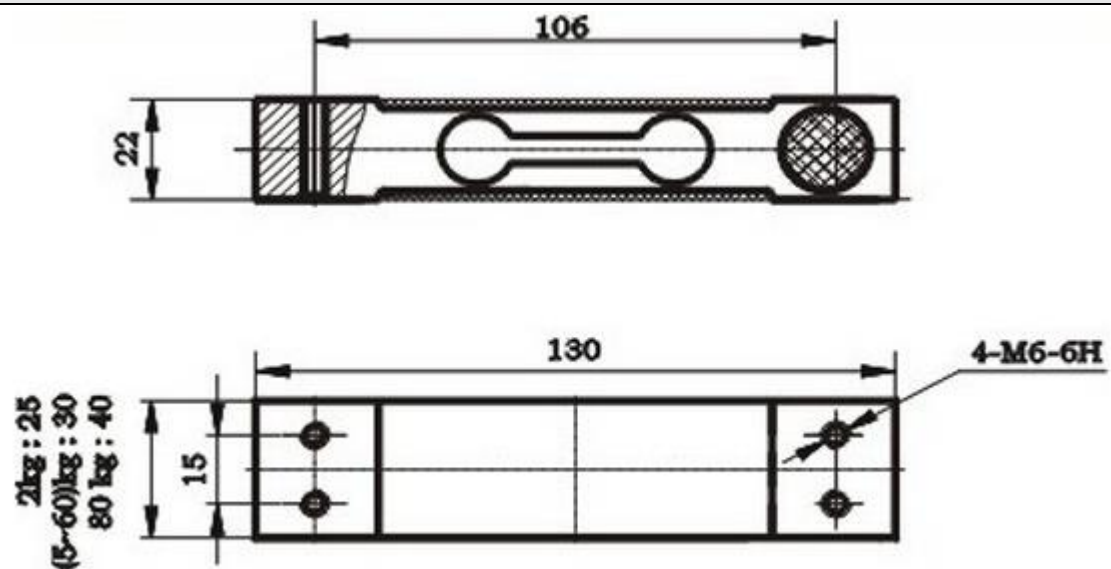
The Model YZC-1B is a low profile single-point load cell designed for direct mounting in low cost weighing platforms.

Its small physical size, combined with high accuracy and aluminum construction, makes this low cost load cell ideally suited for retail, bench and counting scales.

Using Model YZC-1B load cells simplifies scale construction, which may result in significant development time, parts and labor savings.

YZC-1B is available in a range of capacities: from 2 to 80 kg, Environmental protection to IP66 is provided as standard.

OUTLINE DIMENSIONS in millimeters\*



Mål	
Bredde	30.0
Gevind	M6

## Single-Point Aluminum Load Cell

### SPECIFICATIONS

Model	YZC-1B		
Capacity	Kg	2, 3, 5, 6, 8, 10, 30, 35, 40, 50, 60, 80	
Rated output	MV/V	2.0±0.15	
Accuracy class		C2	C3
Maximum number of verification intervals	$n_{max}$	2000	3000
Minimum load cell verification intervals	$V_{min}$	$E_{Max}/5000$	$E_{Max}/500$
Combined error	%RO	≤ ±0.030	≤ ±0.020
Creep	%RO/30min	0.03	0.0167
Temperature effect on sensitivity	%RO/°C	0.0016	
Temperature effect on zero	%RO/°C	0.003	0.002
Zero balance	%RO	±1.0	
Input resistance	$\Omega$	402±6	1066±10
Output resistance	$\Omega$	350±3	1000±10
Insulation resistance	M $\Omega$ (50V)	5000	
Recommended excitation voltage	V	10~15	
Compensated temperature range	°C	-10~+40	
Operating temperature range	°C	-35~+80	
Safe overload	%RO	150	
Ultimate overload	%RO	200	
Load cell material		铝合金 Aluminium	
Platform size		350X350	
Connecting cable		Ø 4.2X350mm	

Full-scale output voltage = excitation voltage x sensitivity 2.0mv / v

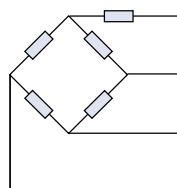
For example: 5v supply voltage is multiplied by the sensitivity 2.0mv / v = full scale 10mv

Wiring: red + black line input voltage Input voltage -

Green Line output signal + white line output signals -

Installation: Installation cantilever

WIRING SCHEMATIC  
DIAGRAM\*\*\*\*  
(Unbalanced bridge  
configuration)



+VE INPUT (Green)

+VE OUTPUT (Red)

-VE INPUT (Black)

-VE OUTPUT (White)

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