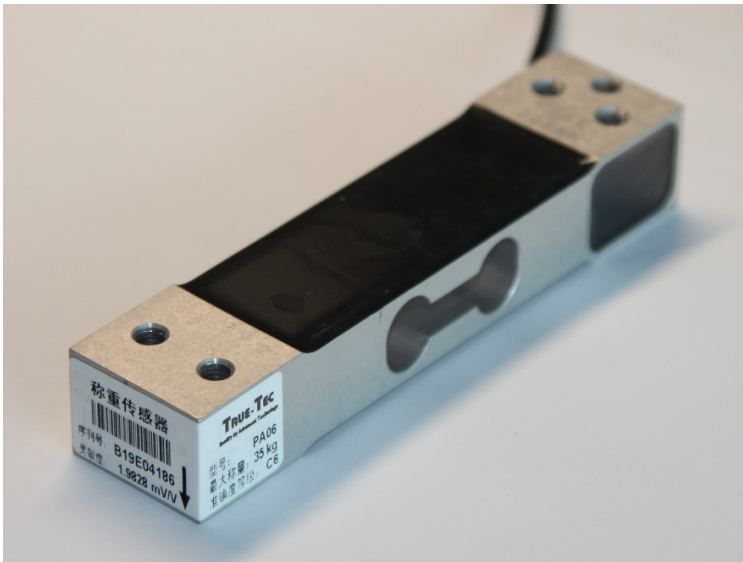


# PA06

## Single Point Aluminum Load Cell

**TRUE-TEC**

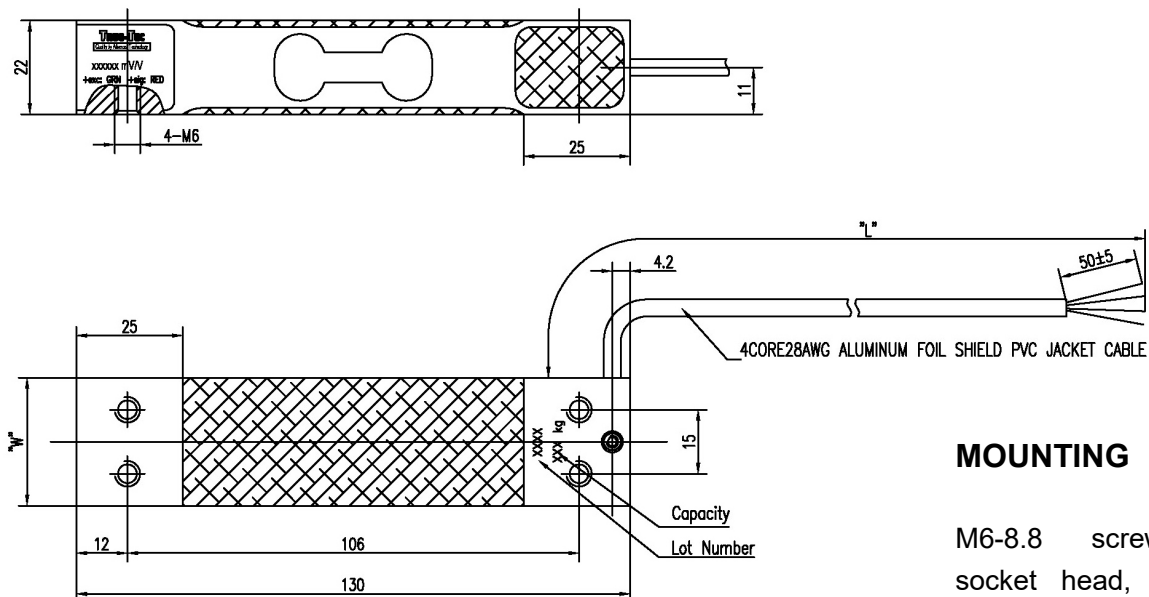
Quality by Advanced Technology



### FEATURES

- Capacity 3-200kg
- Aluminum Construction
- Single point 350x350 mm platform
- IP66 protection
- OIML R60 approved up to C6 grade, NTEP approved Class IIIS 6000d.

### OUTLINE DIMENSIONS



### MOUNTING

M6-8.8 screws with socket head, tightening torque 7NM

3kg up to and include 100kg: W=30

150kg and 200kg: W=36

## SPECIFICATION

PARAMETER	UNIT	VALUE				
		P	R	T	U	V
True-Tec Grade		C2.5	C3	C4	C5	C6
OIML Accuracy						
Rated capacity ( $E_{max}$ )	kg	3*, 5, 7, 10, 15, 20, 30, 35, 50,75,100,150,200				
Sensitivity	mV/V	2.00				
Sensitivity tolerance	± mV/V	0.20				
Zero balance	± mV/V	0.10				
Maximum Number of Intervals		2500	3000	4000	5000	6000
$Y=E_{max}/V_{min}$	Minimum	6000	10000	10000	12000	12000
$Z=E_{max}/(2*DR)$	Minimum	2500	3000	4000	5000	6000
Eccentric loading error	±%/cm	0.0057	0.0042	0.0042	0.0036	0.0024
Maximum platform size	cm	35x35				
Nominal temperature range	°C	-10 to +40				
Service temperature range	°C	-30 to +70				
Limit load	% of R.C.	>150				
Break load	% of R.C.	>300				
Nominal excitation	V	10				
Max. excitation	V	15				
Input impedance	Ohm	406 ± 15				
Output impedance	Ohm	350 ± 3				
Insulation resistance	MOhm	>2000				
Compensation circuit type		Balanced Bridge				
Cable length	Meter	0.40				
Cable type		4x28 AWG, Aluminum Mylar Foil Shielded, Black PVC Jacket				
Color code		+Exc: Green, +Sig: Red, -Exc: Black, -Sig: White				
Construction		Anodized Aluminum Alloy**				
Protection class to IEC529		IP 66				

\*3kg capacity is approved to C3 only

\*\* 3kg load cell is not anodized

## APPLICATIONS

Model PA06 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 where savings in parts and labor due to simpler scales construction can be made.

Available in a range of capacities, 3kg to OIML R60 C3 (3000e), and 5kg to 200kg approved to C6 (6000e). Environment protection to IP66 is provided as standard.

Due to True-Tec's Policy of continuous development, these specifications are subject to change without notice.

All details describe our products in general form only. They are not to be understood as express warranty and do not constitute any liability whatsoever.

### Beijing True-Tec Co., Ltd.

4/F, Bldg. 2, No. 8, Hong Da Bei Lu

BDA, Beijing 100176, China

Tel.: +86-10-67869219 Fax: +86-10-67862581

E-mail: [info@true-tec.com](mailto:info@true-tec.com)

[www.true-tec.com](http://www.true-tec.com)