

PA06

Single Point Aluminum Load Cell

TRUE-TEC

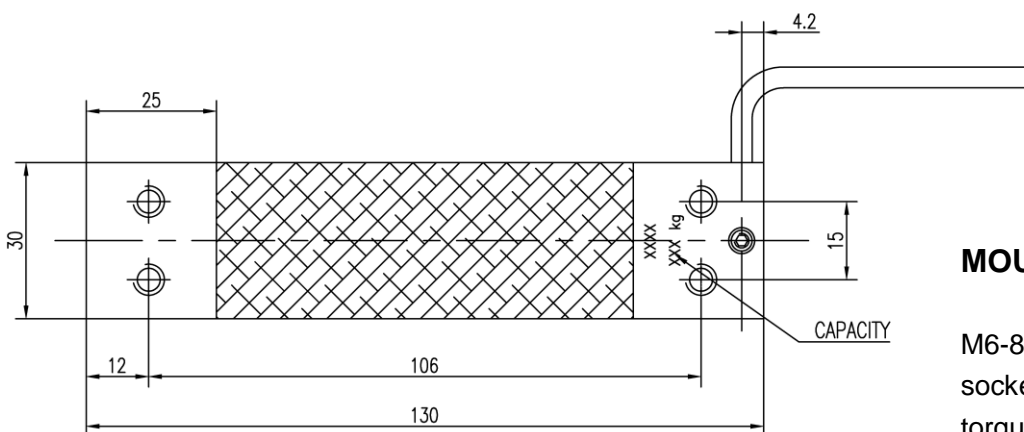
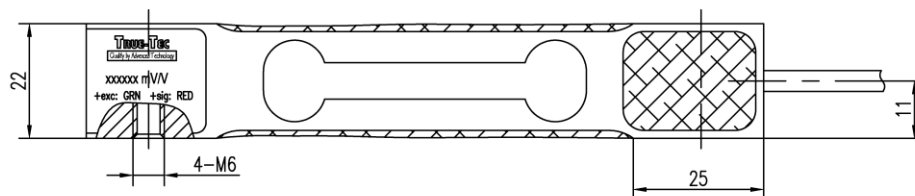
Quality by Advanced Technology



FEATURES

- Capacity 3-75kg
- Aluminum Construction
- Single point 350x350 mm platform
- IP66 protection
- OIML R60 approved up to C6 grade

OUTLINE DIMENSIONS



MOUNTING

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

SPECIFICATION

PARAMETER	UNIT	VALUE			
		P	R	T	V
True-Tec Grade		C2.5	C3	C4	C6
OIML Accuracy					
Rated capacity (E_{max})	kg	3, 5, 7, 10, 15, 20, 30, 35, 50			
Sensitivity	mV/V	2.00			
Sensitivity tolerance	± mV/V	0.20			
Zero balance	± mV/V	0.10			
Maximum Number of Intervals		2500	3000	4000	6000
$Y=E_{max}/V_{min}$	Minimum	4500	6000	8000	10000
$Z=E_{max}/(2*DR)$	Minimum	2500	3000	4000	6000
Eccentric loading error	±%/cm	0.0057	0.0042	0.0042	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	0.5			
Cable type		4x28 AWG, Braid Shielded, Black PVC Jacket			
Color code		+exc -green, +sig-red, -exc-black, -sig- white			
Construction		Aluminum, Sensor grounded to braid			
Protection class to IEC529		IP 66			

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, from 3kg to 7kg approved to OIML R60 C3 (3000e), and 10kg to 50kg 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.

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