

# PA06MG

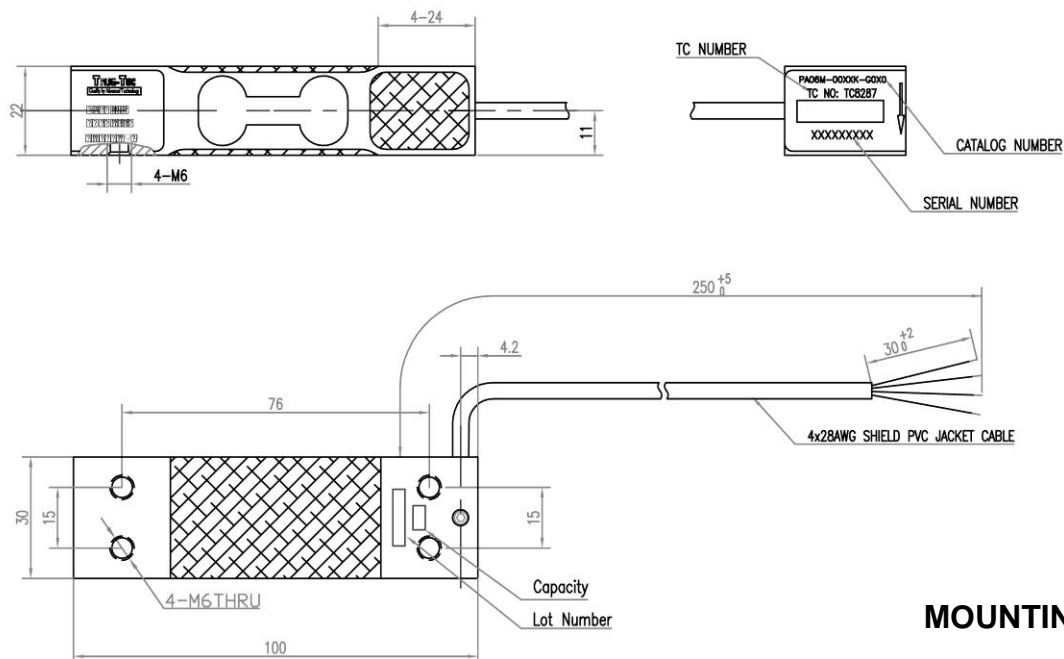
## Single Point Load Cell for Waterproof Scales



### FEATURES:

- 5-35kg Capacity
- Anodized Aluminum Alloy Structure
- Platform 300x300 mm max
- Electronic Circuit fully protected by special glue for excellent humidity protection.
- Room temperature accuracy up to 15,000 divisions.

### OUTLINE DIMENSIONS



### MOUNTING

M6 8.8 screws with socket head, tightening torque 7NM

## SPECIFICATION

PARAMETER	UNIT	VALUE		
True-Tec Grades		N	P	R
Rated capacity ( $E_{max}$ )	kg	5, 10, 20, 35		
Sensitivity	mV/V	2.00		
Sensitivity tolerance	$\pm$ mV/V	0.20		
Zero balance	$\pm$ mV/V	0.10		
Creep over 30min.	$\pm$ %	0.025	0.017	0.017
Temperature effect on zero	$\pm$ %/10 °C	0.060	0.040	0.014
Temperature effect on output	$\pm$ %/10 °C	0.014	0.010	0.010
Eccentric loading error	$\pm$ %/cm	<0.0057		
Maximum platform size	cm	30x30		
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 $\pm$ 15		
Output impedance	Ohm	350 $\pm$ 3		
Insulation resistance	MOhm	>2000		
Compensation circuit type		Balanced Bridge		
Cable length	Meter	0.25		
Cable type		4x28 AWG PVC Cable		
Color code		+exc: green, +sig: red, -exc: black, -sig: white		
Construction		Anodized Aluminum Alloy		
Humidity Protection		Dip in water of 1M deep>100h; and Last in 40°C95%RH/20°C50%RH 12h cycle>20 cycles.		

## APPLICATIONS

Model PA06MG is a load cell specially designed for waterproof applications. With special sealing treatment of the electronic circuits, this load cell can last very long in the high humidity environment at reasonable precision.

Anodized aluminum alloy structure of PA06MG together with its excellence humidity protection, makes it ideal for scales in those applications which require low cost and very high water and humidity resistance such as food processing industry and seafood markets.

Available in a range of capacities, from 5kg to 35kg approved to OIML R60 C3 (3000d).

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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