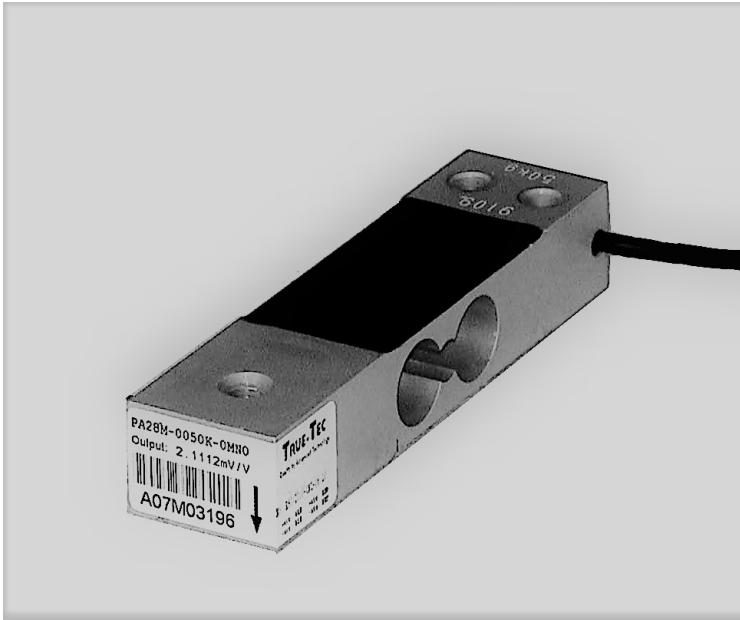


PA28

Single Point Aluminum Load Cell

TRUE-TEC

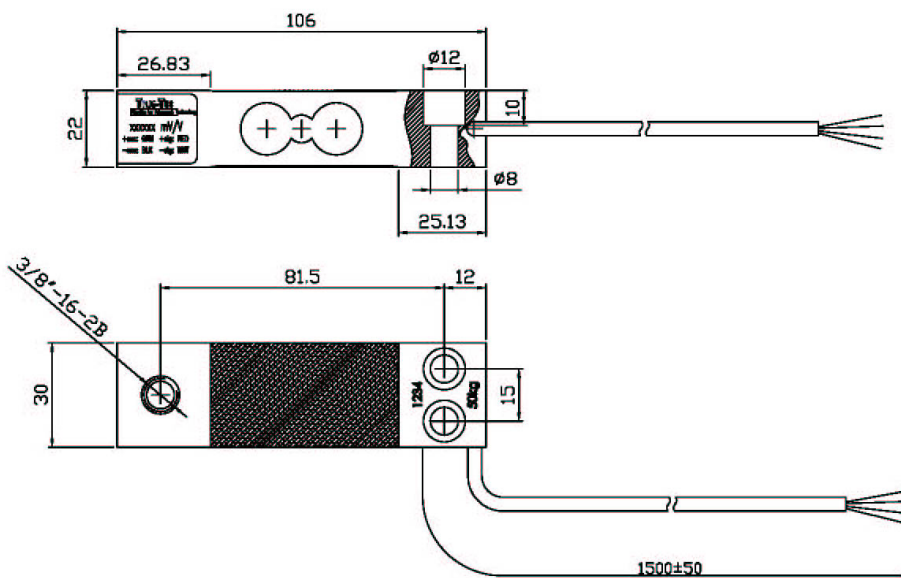
Quality by Advanced Technology



FEATURES

- Capacity 50-250kg
- Anodized Aluminum Construction
- Interchangeable design make it ideal for multi load cell large size low profile platform scales
- IP66 protection
- OIML R60 approved R60/2000-CN1-09.02

OUTLINE DIMENSIONS



MOUNTING

5/16\"-18UNC screws with socket head, tightening torque 15NM

SPECIFICATION

PARAMETER	UNIT	VALUE
True-Tec Grade		R
OIML Accuracy Class		C3
Maximum capacity (E_{max})	kg	50,100,125,150,200,250
Relative V_{min} ($Y=E_{max}/V_{min}$)	Typical	5000
Sensitivity	mV/V	2.0000
Sensitivity tolerance	\pm mV/V	0.0020
Current compensation	\pm mV/V/Rout	0.05%
Zero balance	\pm mV/V	0.10
Creep over 30min.	\pm %	0.017
Temperature effect on zero	\pm %/10 °C	0.020
Temperature effect on output	\pm %/10 °C	0.012
Eccentric loading error	\pm %/cm	0.0057
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	1165 \pm 50
Output impedance	Ohm	1000 \pm 10
Insulation resistance	MOhm	>2000
Compensation circuit type		Balanced Bridge
Cable length	Meter	1.5
Cable type		4x28 AWG, Braid Shielded, Black PVC Jacket
Color code		+exc -green, +sig-red, -exc-black, -sig- white
Construction		Aluminum
Protection class to IEC529		IP 66

Note:

*Special cable lengths available upon request

APPLICATIONS

Model PA28 is a low profile single point load cell designed for multi load cell application with direct mounting in low cost weighing platforms.

Its small physical size, combined with tightened sensitivity and current compensation, makes this low cost load cell ideally suited for low cost platform scales where savings in parts and labor due to simpler scales construction can be made.

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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