

SPECIFICATION

PARAMETER	UNIT	VALUE			
Rated capacity (E_{max})	kg	3*, 5, 7, 10, 15, 20, 30, 35, 50			
True-Tec Grade		R	S	U	V
Sensitivity	mV/V	2.00			
Sensitivity tolerance	± mV/V	0.20			
Zero balance	± mV/V	0.05			
Maximum Number of Intervals		3000	3000	5000	6000
$Y=E_{max}/V_{min}$	Minimum	6000	6000	8000	10000
$Z=E_{max}/(2*DR)$	Minimum	3000	4000	5000	6000
Creep (From stable to 2min)	± %	0.0083	0.0050	0.0033	0.0028
Linearity deviation	%	0.0133	0.0083	0.0067	0.0050
Repeatability	%	0.0067	0.0043	0.0030	0.0025
Hysteresis	%	0.0067	0.0043	0.0030	0.0025
Eccentric loading error	% /cm	0.0042	0.0042	0.0036	0.0024
Recommend temp. range	°C	+5 to +35			
Compensated temp. range	°C	-10 to +40			
Service temperature range	°C	-30 to +70			
Limit load	% of R.C.	>200			
Break load	% of R.C.	>300			
Nominal excitation	V	5			
Max. excitation	V	15			
Input impedance	Ohm	406 ± 15			
Output impedance	Ohm	350 ± 3			
Insulation resistance	MOhm	>2000			
Cable length	Standard	0.40M			
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**			
Compensation circuit type		Balanced Bridge			
Protection class to IEC529		IP 66			

Note: *3kg is OIML approved only to S grade (C3 class). ** 3kg load cell is not anodized

APPLICATIONS

Model PA06B is a low capacity, very high precision single point load cell.

The PA06B offers up to 100,000-divisions short term precision at room temperature. This load cell is suitable for applications including high precision counting scales, high precision balances, and low level force measurement.

The special designed sensor structure assures its high performance in back-to-zero, linearity, repeatability, and hysteresis.

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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