

SG-PT2000

Precision Transducers model SG-PT2000
Low profile load cell



Features:

- Capacities: 0-5kg to 0-100kg
- Low profile design
- Anodised aluminium construction
- Environmental protection to IP66
- 3 year warranty
- Overload protection facility built in
- Low sensitivity to off-centre loading
- Platform size 400 mm x 400 mm



Applications:

- Single point platform scales
- Belt conveyor scales
- Bench scales
- Checkweighing scales
- Hopper scales and netweighing

Capacity	Order Code
0-5kg	SG-PT2000-5
0-7kg	SG-PT2000-7
0-10kg	SG-PT2000-10
0-15kg	SG-PT2000-15
0-20kg	SG-PT2000-20
0-30kg	SG-PT2000-30
0-50kg	SG-PT2000-50
0-75kg	SG-PT2000-75
0-100kg	SG-PT2000-100



SG-PT2000 Specifications

Rated Capacities	0-5, -7, -10, -15, -20, -30, -50, -75, -100 kg	
Platform size	400 mm x 400 mm	
Rated Output	2.0 ±10% mV/V	
Total Error	0.03 ±% of applied load	
Zero Return after 30mins	0.0500 ±% of applied load	
Temperature Effect:	on Span/10°C	0.0010% FSO
	on Zero/10°C	0.015% capacity
Eccentric loading (effect/cm)	0.0074 ±% of applied load / cm	
Zero Balance	3.0 ±% of rated output	
Temperature Range:	Operating	-30 to +70 °C
	Compensated	-10 to +40 °C
Safe Overload	150% of rated capacity	
Ultimate Overload	300% of rated capacity	
Excitation:	Recommended	10 Volts AC or DC
	Maximum	15 Volts AC or DC
Input Impedance	425 ±15 Ω	
Output Impedance	350 ±3 Ω	
Insulation Impedance	>5000MΩ	
Construction	Marine Anodised Aluminium	
Environmental Protection	Standard: IP66	
Cable	2 metres, 4 conductor floating screen	

Cabling:

Red	+ve Excitation
Black	-ve Excitation
Green	+ve Signal
White	-ve Signal

Capacity	Dim. A
5, 7, 10, 15, 20 and 30kg	20mm
50, 75 and 100kg	25mm

