

SG-PT3000

Precision Transducers model SG-PT3000
High capacity single point load cell



Features:

- Capacities: 0-50kg to 0-635kg
- Anodised aluminium construction
- Environmental protection to IP66
- Humidity resistant coating
- Low sensitivity to off-centre loading
- Platform size to 600 mm x 600 mm



Capacity	Order Code
0-50kg	SG-PT3000-50
0-75kg	SG-PT3000-75
0-100kg	SG-PT3000-100
0-150kg	SG-PT3000-150
0-200kg	SG-PT3000-200
0-250kg	SG-PT3000-250
0-300kg	SG-PT3000-300
0-500kg	SG-PT3000-500
0-635kg	SG-PT3000-635

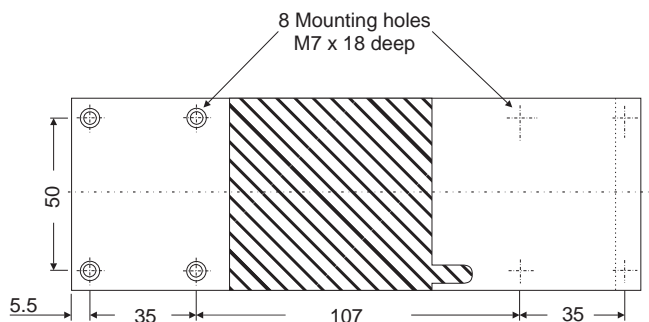
Applications:

- Single point platform scales
- Overhead track
- Bench scales
- Checkweighing scales
- Bag filling

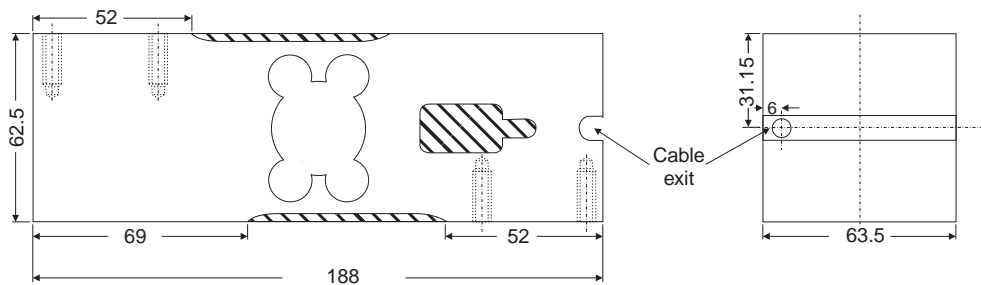


SG-PT3000 Specifications

Rated Capacities (kg)		0-50, -75, -100, -150, -200, -250, -300, -500, -635
Platform size		600 mm x 600 mm
Rated Output		2.0 ±10% mV/V
Total Error		<0.025% FSO
Zero Return after 30mins		<0.050 ±% of applied load
Temperature Effect:	on Span on Zero	<0.0030 ±% of applied load / °C <0.0100 ±% of applied load / °C
Eccentric loading (effect/cm)		<0.005 ±% of applied load / cm
Zero Balance		<3.0 ±% of rated output
Temperature Range:	Operating Compensated	-30 to +70 °C -10 to +40 °C
Safe Overload		150% of rated capacity
Ultimate Overload		250% of rated capacity
Excitation:	Recommended Maximum	5 to 12 Volts AC or DC 15 Volts AC or DC
Input Impedance		425 ±15Ω
Output Impedance		350 ±3Ω
Insulation Impedance		>5000 M Ω
Construction		Marine Anodised Aluminium
Environmental Protection		Standard: IP66
Cable		3 metre, 4 conductor floating screen



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



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