

The model SP60 is constructed from high grade aluminum. It is designed for light to heavy capacity applications and will accommodate off center loads. The capacities offered are from 50kg up to 500kg. This brick style load cell is perfect for industrial platforms, bench scales, packaging machines and filling machines.

Pioneering Measured Solutions



FEATURES

- Anodized aluminum construction
- Capacities offered from 50kg to 500kg
- Environmental Protection IP67
- High accuracy
- Platform size 610x700mm

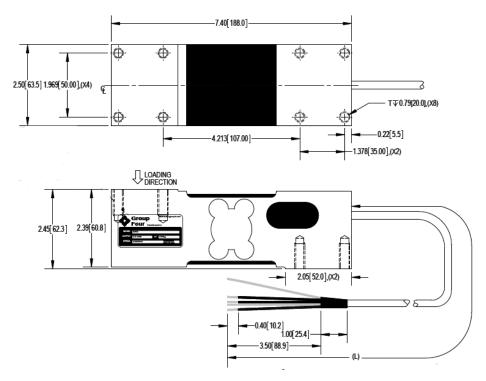
APPLICATIONS

- Big platforms
- Bench scales
- Packaging machines
- Filling machines

OPTIONS

Option	GEN	A
Thread (T)	M8x1.25	5/16-18 UNC

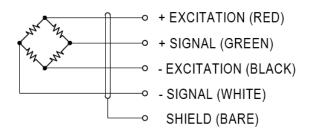
OUTLINE DIMENSIONS



SPECIFICATIONS

Model	SP60	
Capacity	kg	50, 100, 200, 500
Full Scale Output	mV/V	2.0 ±10%
Non Linearity	%FS	≤±0.02
Hysteresis	%FS	≤±0.02
Creep @ 30min	%FS	≤±0.017
Zero Balance	%FS	≤±5
OCLS		
Max Platform Size	mm	610 X 700
Max Off Center Distance	mm	≤232
OCLS Error @ 1/3 of RL	%FS	≤0.023
Temperature Effect		1
Output	%FS/10°C	≤±0.04
Zero	%FS/ 10°C	≤±0.04
Temperature Range		
Compensated	°C	-10 ~ +40
Operating	°C	-20 ~ +65
Terminal Resistance		
Input	Ω	386±30
Output	Ω	350±5
Excitation Voltage	VDC	5~15
Insulation Resistance @50VDC	MΩ	≥5000
Safe Overload Limit	%FS	150
Ultimate Load	%FS	200
Cable Length (L)	m	3 +0.5
Cable Type		Conductor Black Cable
Seal Type	IP67	

WIRING GRAPHIC



PART NUMBER

Capacity (kg)	Option		
	GEN	A	
50	4014-000-04	4014-000-05	
75	4014-001-04	4014-001-05	
100	4014-002-04	4014-002-05	
150	4014-003-04	4014-003-05	
200	4014-004-04	4014-004-05	
500	4014-007-04	4014-007-05	



Group Four Transducers 22 Deer Park Drive E. Longmeadow, MA 01028 www.groupfourtransducers.com

Phone: (800) 419-1444 Fax: (413) 525-6182 sales@group-4.com