



Series SPC1



- SPC1 load cells are available in the capacities 0.3kg~3kg.
- Aluminum construction with parallel beam.
- Silicon adhesive sealed, surface anodized and anti-corrosion.
- Integral structure and easy installation.
- Suitable for electronic balance and other electronic weighing devices.

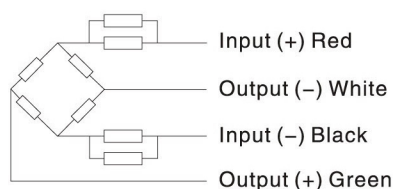
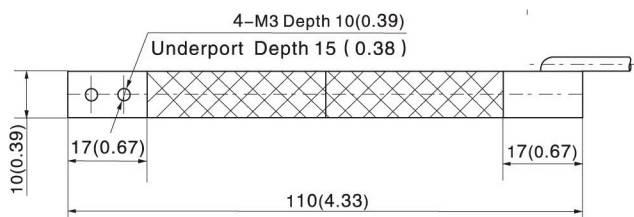
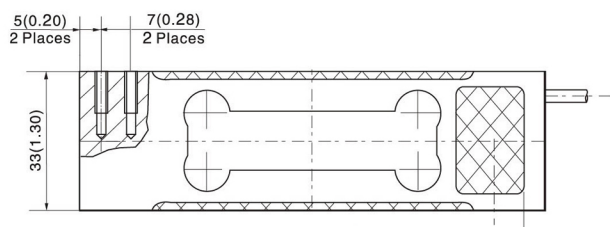
Features

- Capacity: 0.3kg~3kg
- High accuracy
- Max. platform size: 200×200mm

SPECIFICATIONS

Capacity	kg	0.3/0.6/1.2/3
Accuracy		C3D
Maximum number of verification intervals	Π_{max}	2500
Minimum load cell verification interval	V_{min}	$E_{max}/5000$
Combined error	(%FS)	$\leq \pm 0.030$
Creep	(%FS/30min)	$\leq \pm 0.020$
Temperature effect on sensitivity	(%FS/10°C)	$\leq \pm 0.021$
Temperature effect on zero	(%FS/10°C)	$\leq \pm 0.028$
Output sensitivity	(mv/v)	0.9 ± 0.2
Input resistance	(Ω)	406 ± 6
Output resistance	(Ω)	350 ± 3
Insulation resistance	(M Ω)	$\geq 5000(50VDC)$
Zero balance	(%FS)	2
Temperature, compensated	(°C)	-10~+40
Temperature, operating	(°C)	-35~+70
Excitation, recommended	(V)	5~12(DC)
Excitation, max	(V)	18(DC)
Safe overload	(%FS)	150
Ultimate overload	(%FS)	300
Corner correction		0.02%load value/100mm

Outline Dimension mm(inch)



Wiring:

Adopt a shielded, 4 conductor cable, and cable jacket is PVC.

Cable length: $0.45 \pm 0.05m$

Cable diameter: $3 \pm 0.2mm$

* Specifications are subject to change without notice

WZO CONTROLS LTD