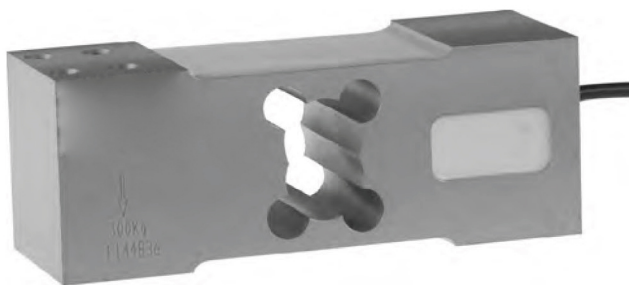




Series SPC14



RoHS

- SPC14 load cells are available in the capacities 50kg~635kg.
- 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.

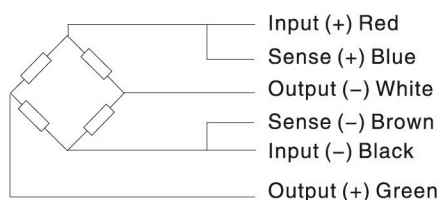
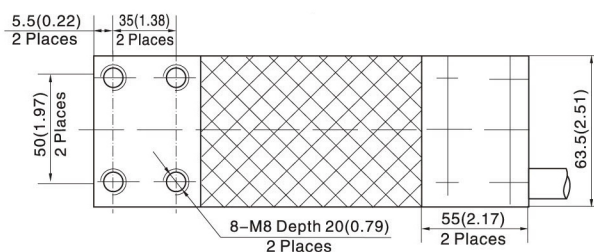
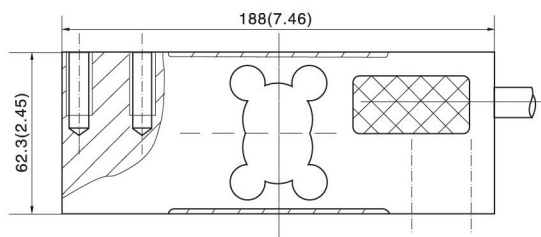
Features

- Capacity: 50kg~635kg
- High accuracy
- Recommended platform size:
50kg~200kg: 600×600mm
250kg~635kg: 600×800mm
- OIML Certificates No: R60/2000-CNI-06.03
- PTB Approval No: D09-06.12

SPECIFICATIONS

Capacity	kg	50/75/100/150/200/250/300/500/635
Accuracy		C3
Approvals		OIML R60 C3
Maximum number of verification intervals	n_{max}	3000
Minimum load cell verification interval	V_{min}	$E_{max}/7000$
Combined error	(%FS)	$\leq \pm 0.020$
Creep	(%FS/30min)	$\leq \pm 0.0167$
Temperature effect on sensitivity	(%FS/10°C)	$\leq \pm 0.0175$
Temperature effect on zero	(%FS/10°C)	$\leq \pm 0.020$
Output sensitivity	(mv/v)	2.0 ± 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: $3.0 \pm 0.1m$
Cable diameter: $4.7 \pm 0.2mm$

* Specifications are subject to change without notice

WZO CONTROLS LTD