

Model PSA Series

Ultra thin Load Cell for
Slim Platform Scale (50Kg ~ 300Kg)



For:

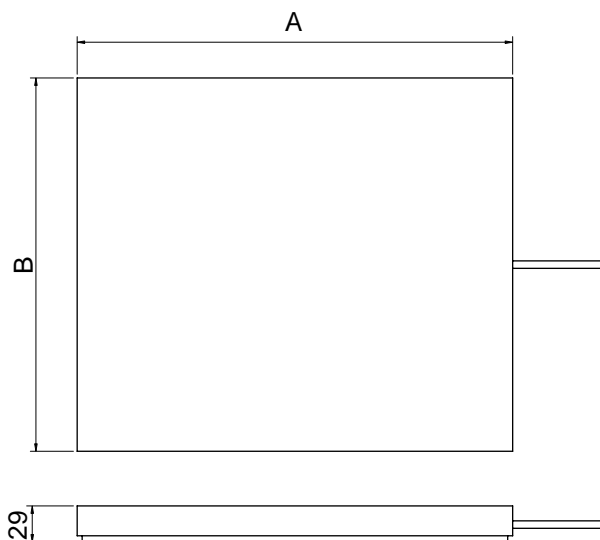
- Gas cylinder weighing
- Industrial weighing applications, especially low profile required

Features

- Low profile
- Rugged stainless steel cover plate
- 200mm x 200mm to 350mm x 350mm platform sizes.

SPECIFICATIONS

MODEL	PSA	PSAA
Rated capacity (R.C.)	50, 100, 200, 300Kg	
Rated output (R.O.)	2.0mV/V ± 5%	4~ 20mA
Non-linearity	< 0.1% R.O.	
Hysteresis	< 0.1% R.O.	
Non-repeatability	≤ 0.1% R.O.	
Creep error	≤ 0.05% in 20min.	
Zero balance	≤ 5% R.O.	
Compensated temperature range	-10 ~ 40 °C	
Operating temperature range	-20 ~ 70 °C	
Temp. effect on rated output	≤ 0.03% LOAD/10 °C	
Temp. effect on zero balance	≤ 0.03% R.O./10	
Terminal input resistance	840 Ohms ± 15 Ohms	
Terminal output resistance	700 Ohms ± 15 Ohms	
Insulation resistance (Min.)	1000 MOhms at 50V DC	
Excitation voltage	10V(Recommended), 20V(Maximum)	
Electrical connection	∅ 6mm x 5m(22AWG x 4Core Shielded)	
Protection class	Humidity protection (Not water proof)	
Platform cover	Stainless steel (SUS 304)	
Safe overload	150% R.C	



ORDERING INFORMATION

PSA - 20 - 50

MODEL	SIZE	CAPACITY
PSA (mV Output)	200x200	50, 100, 200
PSAA(mA Output)	250x250 300x300 350x350	300Kg

WIRING INFORMATION

RED : EXC. (+) WHITE : EXC. (-)
GREEN : SIG. (+) BLUE : SIG. (-)
BARE : GND

Dimensions-mm

Rated Capacity	Size (A x B)	Weigh (Kg)
50Kg (0.49KN)	20 (200mm x 200mm)	1.0
100Kg (0.98KN)	25 (250mm x 250mm)	1.56
200Kg (1.96KN)	30 (300mm x 300mm)	2.25
300Kg (2.94KN)	35 (350mm x 350mm)	3.06

* Specifications are subject to change without notice