

Model PSA Series

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



For:

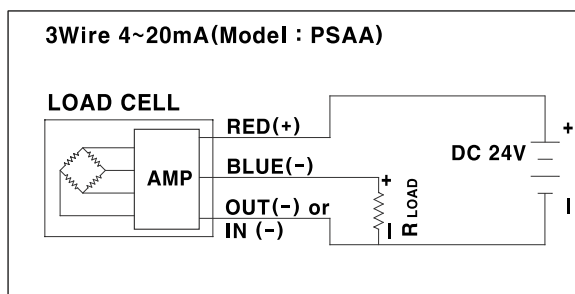
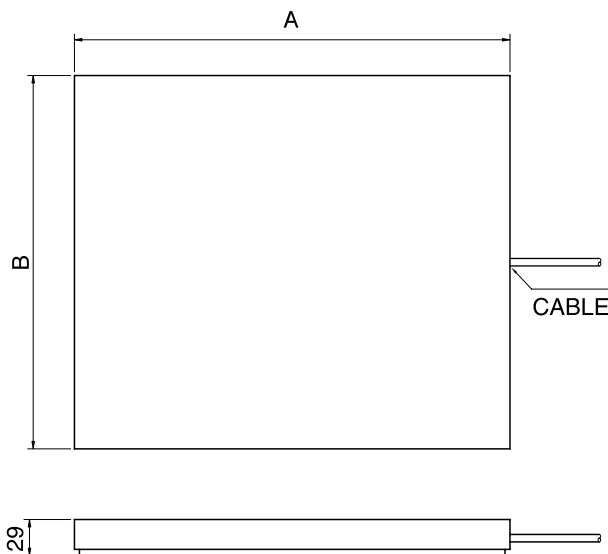
- Gas cylinder weighing
- Industrial weighing applications, especially low profile required

Features

- Low profile (29mm)
- 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 ~ 70°C	
Operating temperature range	-20 ~ 80°C	
Temp. effect on rated output	≤0.03% LOAD/10°C	
Temp. effect on zero balance	≤0.03% R.O./10°C	
Terminal input resistance	840 Ohms ± 15 Ohms	
output resistance	700 Ohms ± 15 Ohms	
Insulation resistance (Min.)	1000 MOhms at 50V DC	
Recommended excitation	10V(Recommended), 15V(Max.)	
Electrical connection	ø6mmx5m(22AWG x 4Core Shielded)	
Platform Cover	Stainless steel	
Safe overload	150% R.C	

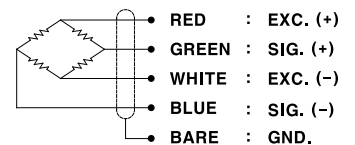


ORDERING INFORMATION

PSA 25 - 200

MODEL	SIZE	CAPACITY
PSA (mV Output)	20(200x200)	50, 100, 200
PSAA(mA Output)	25(250x250)	300kg
	30(300x300)	
	35(350x350)	

WIRING INFORMATION



Dimensions-mm

Rated Capacity	Size (A x B)	Weight (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

DEC, 2005