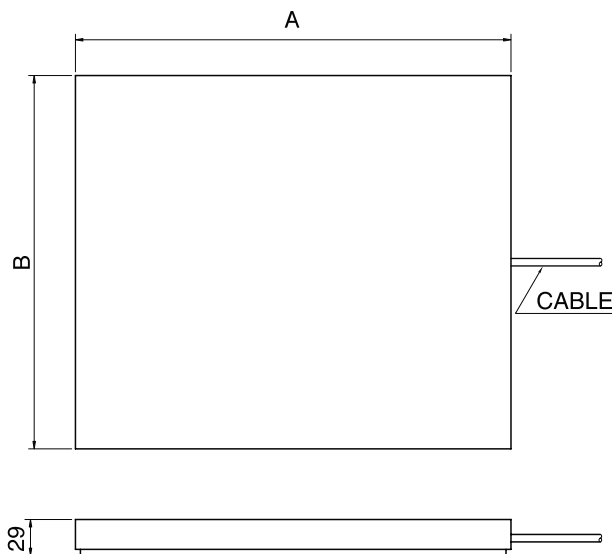


Model PSA Series

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.

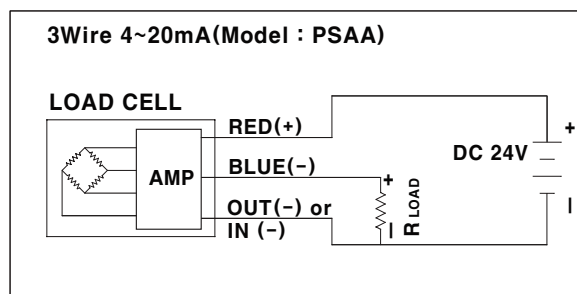
SPECIFICATIONS

| 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 | ∅6mmx5m(22AWG x 4Core Shielded) | |
| Platform Cover | Stainless steel | |
| Safe overload | 150% R.C | |

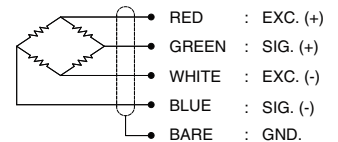
ORDERING INFORMATION

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

JAN, 2010