

Miniatures tension and compression force transducers.

- Protection IP 65
- Very competitive prices
- Tension and/or compression version
- Load accessories available
- Material :
 - o Stainless steel (5930)
 - o Aluminium (5932)



Model 5930

The SENSY's load cells 5930 - 5932 are perfectly designed to the following applications :

- Industrial force measurement where space is limited
- Industrial weighing where space is limited

CAPACITIES :

5930 : 1000 - (1500) - 2000 - (3000) - 5000 N

5932 : (300) - 500 - (750) N

| TECHNICAL DATA | | |
|--|-------------|-------------|
| Accuracy class | | SL |
| Linearity error | % F.S. | < ± 0.5 |
| Hysteresis error | % F.S. | < ± 0.5 |
| Non - repeatability | % F.S. | < ± 0.25 |
| Creep error over 30 min. | % F.S. | < ± 0.2 |
| Zero shift after loading | % F.S. | < ± 0,05 |
| Reference temperature | °C | 23 |
| Nominal temperature range | °C | - 10...+ 45 |
| Service temperature range | °C | - 30...+ 70 |
| Storage temperature range | °C | - 50...+ 85 |
| Temperature coefficient of the sensitivity | % /10°C | < ± 0.1 |
| Temperature coefficient of zero signal | % F.S./10°C | < ± 0.1 |
| Nominal sensitivity | mV/V | 1,5 |
| Zero balance | mV/V | ± 0.02 |
| Sensitivity tolerance (g=9,8107 m/s ²) | % | < ± 0.5 |
| Input / Output resistance | Ohm | 702 ± 5 |
| Insulation resistance (50V) | MOhm | > 5000 |
| Nominal excitation voltage | V | 5 to 10 |
| Nominal range of the excitation voltage | V | 2...15 |
| Safe load limit | % F.S. | 150 |
| Breaking load | % F.S. | > 300 |
| Static lateral force limit | % F.S. | 10 |
| Permissible dynamic loading | % F.S. | 70 |

F.S.: full scale Specifications subject to change without notice

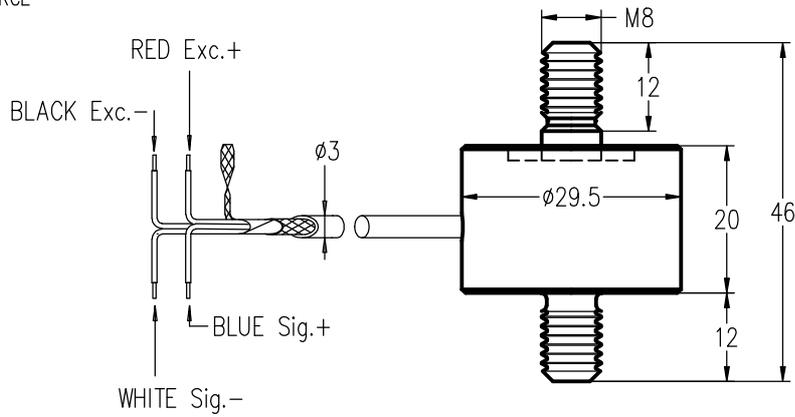
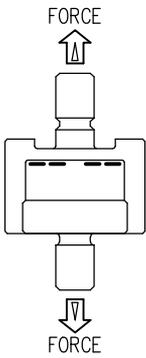
LOAD CELL

model 5930 Stainless steel Weight : 98 g
model 5932 Aluminium Weight : 51 g

MINIATURE

Range 50 - 5000 N IP65
 (5 - 500 Kg)

Cable length : 1.5 m



5932 : 50 - 500 N (5 - 50 kg)
 5930 : 1000-5000 N (100 - 500 kg)

