

## 5930-5932

## MINIATURE TENSION AND COMPRESSION LOAD CELLS

Miniatures tension and compression force transducers.

Model 5930



### Features

- Protection IP 65
- Very competitive prices
- Tension and/or compression version
- Load accessories available
- Material :
  - o stainless steel (5930)
  - o aluminium (5932)
- Weight : 98 g (5930) and 51 g (5932)
- Cable length: 1.5m

### Applications

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

- Industrial force measurement where space is limited

### Capacities

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

5932 : (300) - 500 N

Specifications	SL	
Repeatability error	< ± 0.25	% F.S.
Creep error over 30 min.	< ± 0.3	% F.S.
Zero shift after loading	< ± 0.5	% F.S.
Reference temperature	23	C
Nominal temperature range	-10...+45	C
Service temperature range	-30...+70	C
Storage temperature range	-50...+85	C
Temperature coefficient of the sensitivity	< ± 0.2	% F.S./10 C
Temperature coefficient of zero signal	< ± 0.2	% F.S./10 C
Zero balance	± 0.02	mV/V
Insulation resistance (50V)	> 5000	Megaohm
Nominal sensitivity	1.5	mV/V
Safe load limit	120	% F.S.
Breaking load	>300	% F.S.
Permissible dynamic loading	40	% F.S.
Nominal range of excitation voltage	1..10	VDC
Reference excitation voltage	5	VDC
Input resistance	1000 ± 2	Ohm
Output resistance	1000 ± 2	Ohm

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

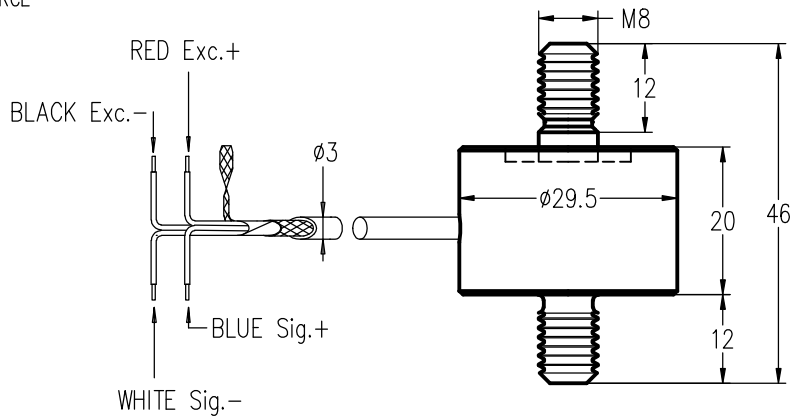
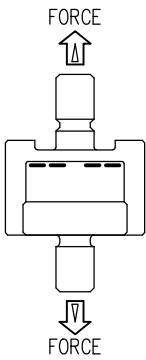
## LOAD CELL

**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 )

