

## LOAD CELL DATA SHEET

TYPE: FC2302B.....



The FC-2302B Button Type load cell is available in metric capacities.

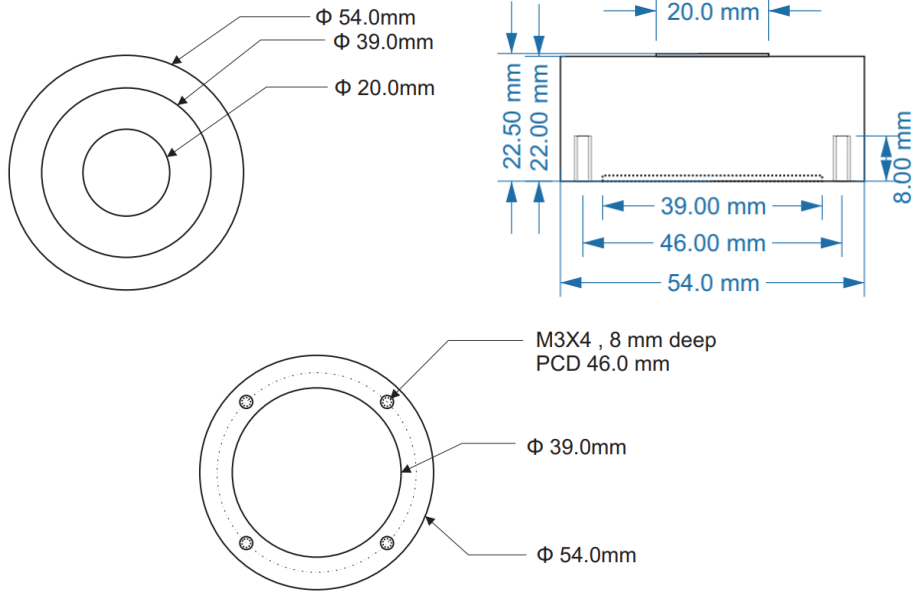
### FEATURES

- Very small in size
- Stainless steel construction
- Used in Compression applications
- Light Weight

### TECHNICAL SPECIFICATIONS:

Parameter	Value
Mesuring Ranges	10 KN to 150 KN
Rated Output R.O.	1.5 ± 0.2 mV/V
Safe Overload	150% of RL
Ultimate Overload	300% of RL
Zero Balance	± 2 % of RL
Maximum Excitation	10 VDC
Sampling Rate	2 to 10 samples per second
Non-Linearity	±0.1% of RL
Non-Repeatability	±0.03% of RL
Hysteresis	±0.15% of RL
Creep - 20 minutes	±0.05 in 20 mins.
Temperature shift Zero	0.015% of RL/C
Temperature shift Span	0.03% of Load/C
Compensated Temperature	-0° to 60 °C
Operating Temperature	-0° to 60 °C
Output Resistance	350Ω nom.
Insulation resistance (200V)	≥ 5GΩ
Construction Material	Stainless Steel
Environment protection	IP67
Cable 5 Mtr.	4 core shielded 0.25 sq. mm

**Dimensions:**



**Ordering Key:**

Measuring Range [KN]	
10	10
20	20
30	30
50	50
100	100
150	150

Sensitivity	
Sensitivity 1.5 mV/V (standard)	S
Sensitivity 2.0 mV/V (Option)	O

Electrical Connector	
4 pin circular connector	C
Open wires for amplifier without Connection	W

2302B

Arrows from the tables point to the boxes above: '10' points to the first box, 'S' points to the second box, and 'C' points to the third box.

**Ordering Example:** Type 2302B50SW  
 Load cell Type 2302B measuring range 0...50 KN with standard sensitivity 1.5 mV/V, without connector open wires for amplifier connection.

**Included Accessories:**  
 None.