SHARP
The name of Quality

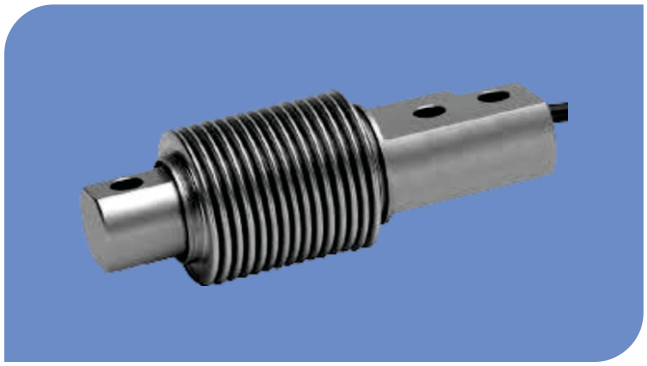
www. sharpelectronics.net
Email : purchasesharp@gmail.com
sales@sharpelectronics.net

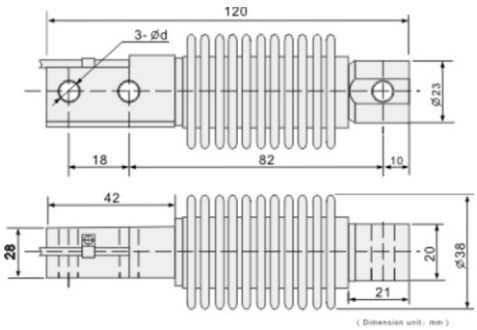
An ISO 9001 : 2015 Certified Company

Bellow Type Load Cell

This model is named Bellow Type Load Cell SSLC 910 under load cell category. It is specially designed which gives high performance and security for industrial dynamic weighting applications.

Wiring Schematic Diagram





Features:

1. Alloy steel & Stainless steel structure
2. Bellows hermetically sealed by laser
3. Nickel plated
4. Waterproof & anti-corrosion
5. Suitable for multiform environments

Applications:

1. Electronic Platform Scales
2. Hooper Scales
3. Other Electronic Weighing Devices
4. Special purpose machine

Dimentions:

Capacity	A	B	C	D	d	F	E	M
100,200,500kg	50	25	5	13	32	34	42	M4*0.7
1T,2T,3T,5T	60	30	5	12	36	42.5	50	M6*1
10T, 20T	115	45	7	20	52	65.4	90	M8*1.25
30T, 50T	155	50	5	44	90	103	125	M12*1.75
100T	205	60	7.5	65	130	145	165	M16*2

Specifications :

Related Load (Kg) 10, 20, 30, 50, 100, 200, 300, 350, 500	
Precision C3	Insulation Resistance(M Ω) -
Composition Error ± 0.02	Excitation Voltage (V) 9 ~ 12 (DC/AC)
Rated Output (mv/v) 2 ± 0.002	Compensated temp. Range (°C) -10~+40
Non-Linearity (%FS) 0.03 / 0.017	Use Temp. Range (°C) -20~+55
Hysteresis (%FS) 0.03 / 0.02	Temp. Effect on Zero (%FS/10°C) 0.019
Repeatability (%FS) 0.01	Temp. Effect on Span (%FS/10°C) 0.011
Creep (%FS/30min) 0.016	Safe Overload (%FS) 120
Zero Balance (%FS) ± 1	Ultimate Overload (%FS) 150
Input Resistance (Ω) 350 ± 5	Defend Grade IP68
Output Resistance (Ω) 350 ± 3	Cable 4mm, 3mtr

Specifications are subject to change for improvements without prior notice.