



Automation

Model : ABL 910

BELLOW TYPE LOAD CELL



Features :

- * Alloy steel & Stainless steel structure; bellows hermetically sealed by laser
- * Nickel plated
- * Waterproof & anti-corrosion
- * Suitable for multi-form environments
- * Shock Absorbent Design for Dynamic Application

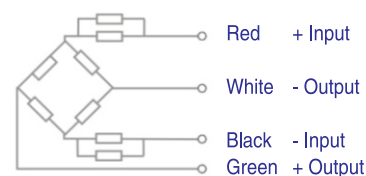
Applications

- * Hopper scales
- * Bag filling/Check weigher/Packaging
- * Other Electronic Weighing Devices

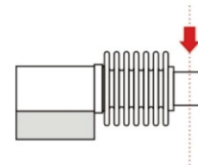
Parameters :

Rated Load (kg.) 10, 20, 30, 50, 100, 200, 300, 350, 500			
Precision	C3	Insulation Resistance (MΩ)	≥5000 (50VDC)
Composition Error	± 0.02	Excitation Voltage (VDC)	5~15
Rated Output (mv/v)	2 ± 0.002	Compensated temp. Range (°C)	-10~+40
Non-Linearity (%FS)	0.017	Use Temp. Range (°C)	-20~+55
Hysteresis (%FS)	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 (%F.S/30min)	0.016	Safe Overload (%FS)	120
Zero Balance (%FS)	± 1	Ultimate Overload (%FS)	150
Input Resistance (Ω)	380 ± 5	Defend Grade	IP68
Output Resistance (Ω)	350 ± 3	Cable	6mm, 3mtr.

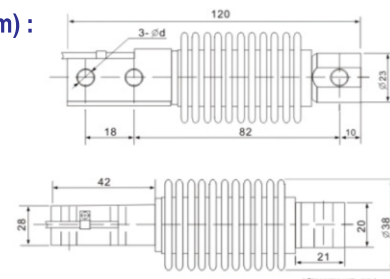
Wiring Schematic Diagram :



Load Diagram :



Dimensions (mm) :



Capacity	10~200	250~500
d	8.2	10.3

