



Automation

Model : ABL 410

SINGLE - POINT BENDING BEAM LOAD CELL



Features :

- * Tool steel Construction for Harsh application
- * Single Point Capability for Platform Scale
- * Minium error for Off-Centre loading
- * Supports the Pan size up to 30"(750mm)x30(750mm)
- * Low profile
- * capacities 220 lbs(100kg) to 3500 lbs(1500kg)
- * Also available in Stainless Steel :
- SS, Suitable for hygienic applications like, Food, Dairy & Pharmaceutical Industries

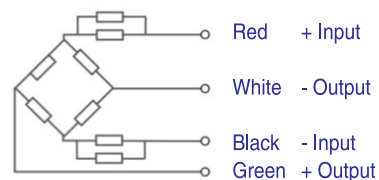
Applications

- * Medium Size Platform Scales
- * Bag Weighers
- * Hopper Weighers

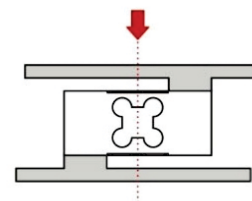
Parameters :

Rated Load lbs (kg.) 200(100), 400(200), 660(300), 1100(500), 1650(750), 2200(1000), 3300(1500)			
Precision	C2 / C3	Insulation Resistance (MΩ)	≥5000 (50VDC)
Composition Error	0.03 / 0.02	Excitation Voltage (VDC)	5~15
Rated Output (mv/v)	2.0 ± 0.2	Compensated temp. Range (°C)	-10~+50
Non-Linearity (%FS)	0.025	Use Temp. Range (°C)	-20~+60
Hysteresis (%FS)	0.02	Temp. Effect on Zero (%FS/10°C)	0.02
Repeatability (%FS)	0.02 / 0.01	Temp. Effect on Span (%FS/10°C)	0.01
Creep (%F.S/30min)	0.03 / 0.02	Safe Overload (%FS)	150
Zero Balance (%FS)	± 1.0	Ultimate Overload (%FS)	250
Input Resistance (Ω)	390 ± 10	Defend Grade	IP67
Output Resistance (Ω)	350 ± 2	Cable	6mm, 2.5mtr.

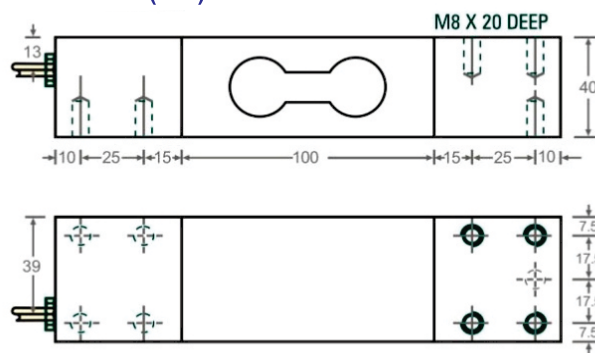
Wiring Schematic Diagram :



Load Diagram :



Dimensions (mm) :



IP67

