



Automation

Model : ABL 60048

LOAD CELL FOR CONSTRUCTION MACHINERY



Features :

- * Constructed of tool steel for harsh application.
- * Moment-compensated design for minimal sensitivity to moments induced by off-center loading.
- * Provides optimum protection under adverse loading condition.

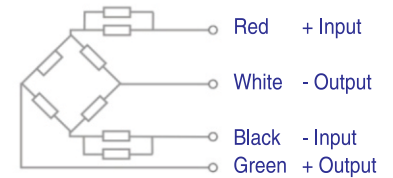
Applications

- * Belt conveyor scales
- * Bench and counting scale
- * Check weighing scales
- * Hooper scales & net weighing
- * Batching plant
- * Construction Machinery

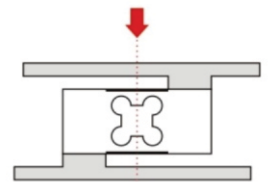
Parameters :

Rated Load (kg.) 22.5, 45, 90			
Precision	C3	Insulation Resistance (MΩ)	≥5000 (50VDC)
Composition Error	0.02	Excitation Voltage (VDC)	5~15
Rated Output (mv/v)	2.00 ± 2%	Compensated temp. Range (°C)	-10~+40
Non-Linearity (%FS)	0.017	Use Temp. Range (°C)	-35~+65
Hysteresis (%FS)	0.02	Temp. Effect on Zero (%FS/10°C)	0.015
Repeatability (%FS)	0.01	Temp. Effect on Span (%FS/10°C)	0.014
Creep (%F.S/30min)	0.02	Safe Overload (%FS)	120
Zero Balance (%FS)	± 2	Ultimate Overload (%FS)	250
Input Resistance (Ω)	395 ± 5	Defend Grade	IP67
Output Resistance (Ω)	350 ± 5	Cable	6mm, 5.0mtr.

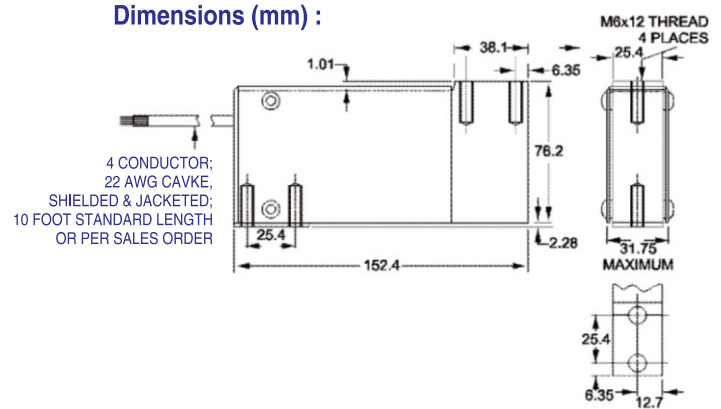
Wiring Schematic Diagram :



Load Diagram :



Dimensions (mm) :



IP67

