



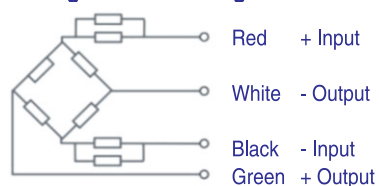
Automation

Model: ABL-3

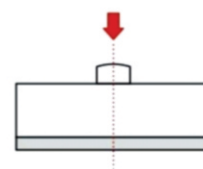
COLUMN TYPE LOAD CELL



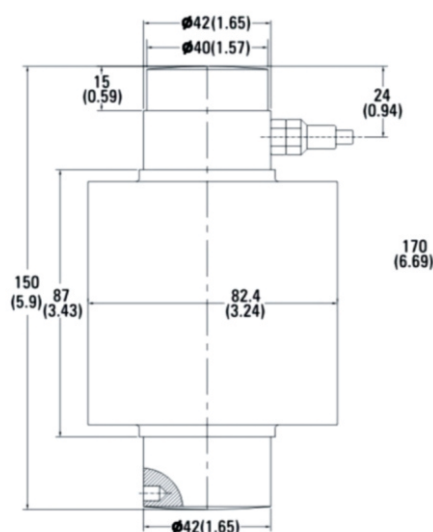
Wiring Schematic Diagram :



Load Diagram :



Dimensions (mm) : 10, 15, 30t



Features :

- *Constructed of Stainless steel for harsh application.
- *Hermetically welded and sealed to IP68
- *Mounting Accessories Available
- *Self Centering column Design
- *Simple Installation
- *Provides optimum protection under adverse loading condition

Applications :

- *Weigh Bridge
- *Hooper scales
- *Tank Weighing
- *Silos

Parameters (Analog load cell) :

Rated load (Ton) 5 / 10 / 20 / 30			
Precision	C2	Excitation Voltage (VDC)	5~15
Composition Error	± 0.02	Compensated temp. Range ($^{\circ}\text{C}$)	-10~+40
Rated Output (mv/v)	2.0 ± 0.002	Use Temp. Range $^{\circ}\text{C}$	-20~+55
Creep (%F.S / 30min)	$0.023 / 0.016$	Temp. Effect on Zero (%FS/ 10°C)	$0.017 / 0.011$
Zero Balance (%FS)	± 1.5	Temp. Effect on Span (%FS/ 10°C)	$0.029 / 0.019$
Input Resistance (Ω)	700 ± 10	Safe Overload (%FS)	120
output Resistance (Ω)	700 ± 5	ULtimate Overload (%FS)	150
Insulation Resistance (M Ω)	$\geq 5000(100\text{VDC})$	Defend Grade	IP67/IP68



IP67

