



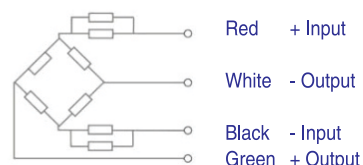
Automation

Model : ABL 304

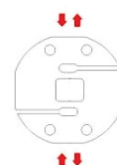
TENSION LOAD CELL



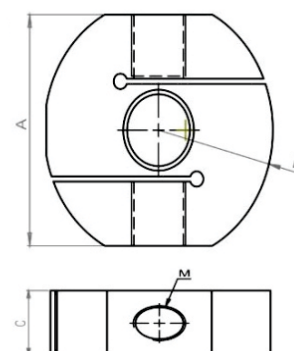
Wiring Schematic Diagram :



Load Diagram :



Dimensions (mm) :



Features

- * Alloy steel construction
- * Welding sealed to IP67 & IP68
- * Easy to install and use for both tensile and compression application
- * Also available in stainless steel

Applications

- * Hanging scale
- * Tension testing machine
- * Vibratory feeding equipment
- * Tank weighing, Hopper weighing etc.

Parameters :

CAPACITY	A	B	C	M
5T, 7.5T	90	102	45	M24 * 2mm
10T	135	147	60	M30 * 2mm
15T, 20T	182	198	75	M36 * 3mm

Rated load (Metric Ton) 5 / 7.5 / 10 / 20			
Precision	C2	Excitation Voltage (VDC)	5~15
Composition Error	±0.03	Compensated temp. Range	-10~+40
Rated Output (mv/v)	3.0 ± 0.004	Use Temp. Range (°C)	-10~+40
Creep (%F.S / 30min)	± 0.03	Temp. Effect on Zero (%FS/10°C)	± 0.023
Zero balance % F.S	1.0	Temp. Effect on Span (%FS/10°C)	± 0.017
Input resistance (Ω)	390 ± 10	Safe Overload (%FS)	150
Output resistance (Ω)	350 ± 2	Ultimate overload (%FS)	200
Insulation resistance (MΩ)	≥5000(50VDC)	Defend Grade	IP67/IP68



IP67

