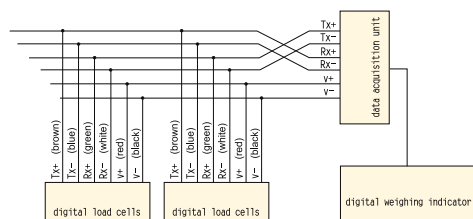




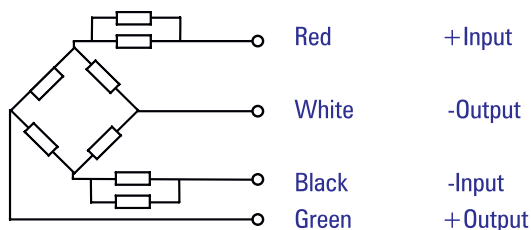
Automation

Model : ABL 110B

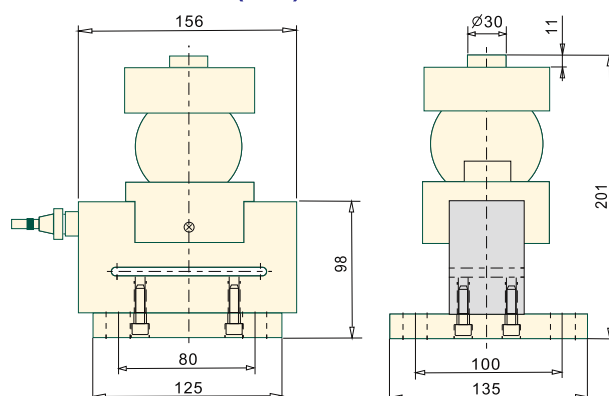
WEIGHBRIDGE LOAD CELL



Wiring Schematic Diagram :



Dimensions (mm) :



Features

- *Alloy steel & Stainless steel structure with high precision
- *Easy installation, are an ideal alternative ABL-110 products.

Parameters : (Analog Load Cell)

Rated load (Ton)	10 / 20 / 30
Precision	C2 & C3
Composition Error	$\pm 0.03 / \pm 0.02$
Rated Output (mv/v)	2.0 ± 0.002
Creep (%FS / 30min)	0.023 / 0.016
Zero Balance(%FS)	± 1.5
Input Resistance (Ω)	700 ± 10
output Resistance (Ω)	700 ± 5
Insulation Resistance(MQ)	$\geq 5000(100VDC)$
Excitation Voltage (VDC)	9~12
Compensated temp. Range ($^{\circ}C$)	-10 ~ +40
Use Temp. Range ($^{\circ}C$)	-20 ~ +55
Temp. Effect on Zero (%FS/ $10^{\circ}C$)	0.017 / 0.011
Temp. Effect on Span (%FS/ $10^{\circ}C$)	0.029 / 0.019
Safe Overload (%FS)	120
Ultimate Overload (%FS)	150
Defend Grade	IP 66 / IP 68

Parameters : (Digital Load Cell)

Rated load (Ton)	10 / 20 / 30
Precision	C3
Composition Error	± 0.02
Rated Output	1,000,000 Counts
Creep (%FS / 10min)	0.02
Excitation Voltage (VDC)	5.5~12
Compensated temp. Range ($^{\circ}C$)	-10 ~ +40
Use Temp. Range ($^{\circ}C$)	-20 ~ +60
Temp. Effect on Zero (%FS/ $10^{\circ}C$)	0.019
Temp. Effect on Span (%FS/ $10^{\circ}C$)	0.011
Safe Overload (%FS)	150
Defend Grade	IP 67
A/D Module resolution	1,000.00
Communication BPS	9600
Communication port	485/4 cable
Digital refurbishing frequency	10~80 / s
Maximum of verification scale intervals	5000 n max
Max. communication range	1200 m
Num. of the address bus	32



IP67

