



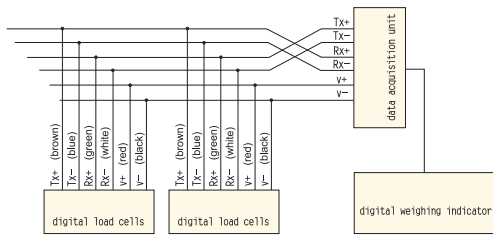
RUDRRA SENSOR

The load cell Technology

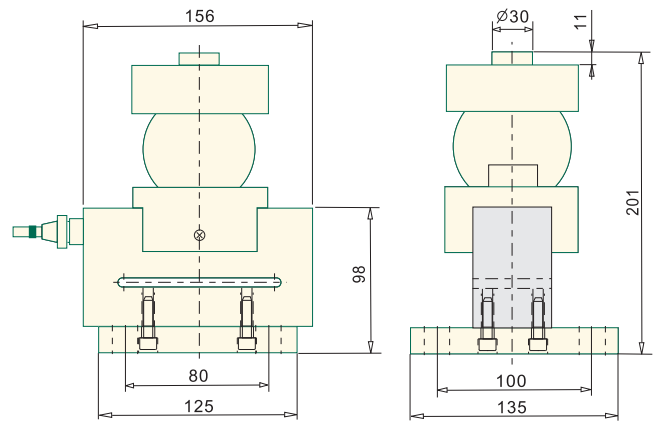
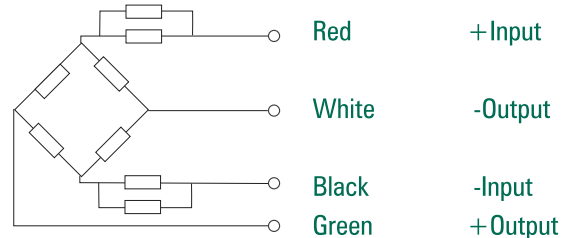
Model : RSL 110B

RUDRRA SENSOR

WEIGHBRIDGE LOAD CELL



Wiring Schematic Diagram



Features

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

Parameters : (Analog Load Cell)	
Rated load (Ton)	10 / 20 / 30
Precision	C2 & C3
Composition Error	±0.03 / ± 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(MΩ)	≥5000(100VDC)
Excitation Voltage (V)	9~12 (DC)
Compensated temp. Range (°C)	-10~+40
Use Temp. Range	-20~+55 °C
Temp. Effect on Zero (%FS/10°C)	0.017 / 0.011
Temp. Effect on Span (%FS/10°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 (V)	5.5~12 (DC)
Compensated temp. Range (°C)	-10~+40
Use Temp. Range	-20~+60 °C
Temp. Effect on Zero (%FS/10°C)	0.019
Temp. Effect on Span (%FS/10°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



AN ISO 9001-2008 COMPANY

