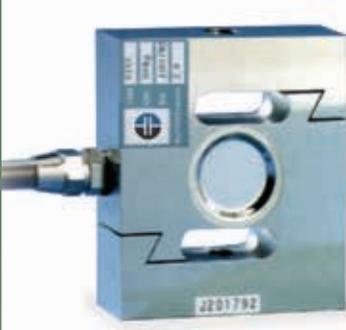


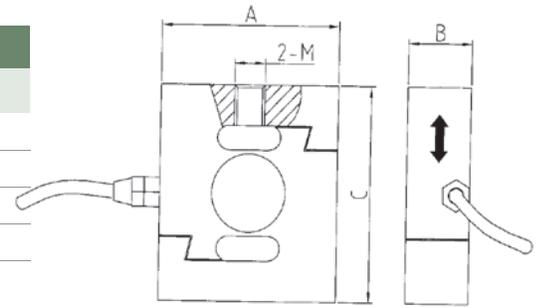
RSS1 S Beam Load Cell



Dimensions

Capacity	kg	
	200	3k-5k
A	63.5	167
B	22	45
C	59.5	90
M	M10	M18X1.5

(All dimensions are in mm)



Wiring Information

Cable Color Code	
Red	+ Excitation
Black	- Excitation
Green	+ Signal
White	- Signal

Accuracy Specifications

Accuracy	
Non-linearity	± 0.03% of Full Scale
Hysteresis	± 0.03% of Full Scale
Non-repeatability	± 0.02% of Full Scale

Ordering Information

Multiple Load Cell Capacities	
RSS1	Part No.
200 kilogram	RSS1-200M-S
3000 kilogram	RSS1-03KM-S
5000 kilogram	RSS1-05KM-S

Note:
 This load cell is compatible with metric units and has a built in overload protection when used in compression mode. It can be used in compression mode, tension mode or universal mode.

Calibration Options

*C01	Compression
*C02	Tension
*C03	Universal

Load Cell Specifications

Zero Balance	± 1%
Safe Overload	to 150% of capacity (300% Ultimate Overload)
Rated Excitation	10V DC (15V Maximum)
Full Scale Output	2 mV/V
Connections	3m Cable
Input Impedance	385 ± 15 Ohm
Output Impedance	350 ± 3 Ohm
Insulation	> 2,000 MΩ
Creep, in 30 min	± 0.03% of Full Scale
Operating Temperature Range	-20°C to 60°C with TARE
Temperature Effect on Output	0.03% of Full Scale/10°C
Temperature Effect on Zero	0.03% of Full Scale/10°C
Seal Type	IP66

Compatible Accessories

Recommended Interfaces



DI-100U/DI-1000U
Digital Load Cell Interface



DI-1000Z
Wireless Load Cell Interface



AI-1000
Signal Conditioner



RD-1000
Resistive Load Cell Display

Wireless Load Cell Configuration



Analog Load Cell Configuration

