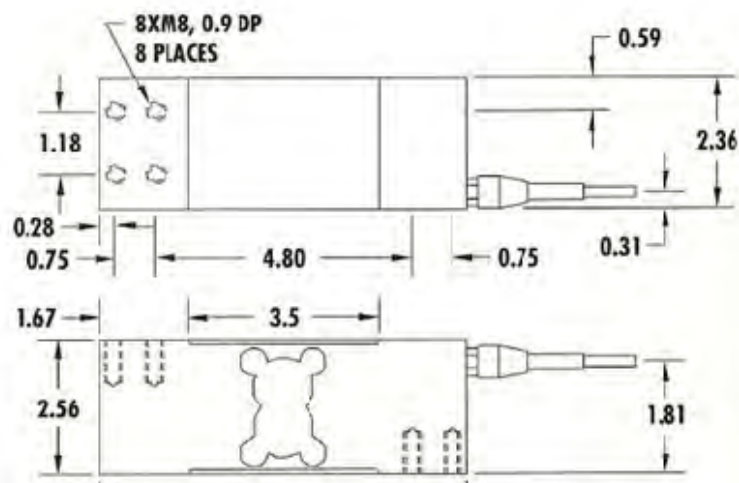


RAP3 Single Point Load Cell



(All dimensions are in inches)

Accuracy Specifications

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

Wiring Information

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

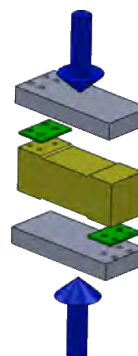
Load Cell Specifications

Typical Values	
Zero Balance	2% of Full Scale
Safe Overload	150% of Full Scale
Ultimate Overload	250% of Full Scale
Full Scale Output	2 ± 1 % mV/V
Input Impedance	390 ± 30 Ω
Output Impedance	350 ± 4 Ω
Insulation	≥ 5000 MΩ / 50 V DC
Recommended Excitation Voltage	10V DC
Compensated Temperature Range	14 to 100 °F (-10 to 40 °C)
Temperature Effect on Zero	45 ppm/of F.S. / °C
Temperature Effect on Span	20 ppm/of F.S. / °C

Ordering Information

Capacity	Part No.
750 lb	RAP3-750S-A

Suggested Mounting



This load cell is available as a weigh module for tank weighing applications.



Recommended Interfaces



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



DI-1000ZP/DI-1000WiFi/
DI-1000-BLE
Wireless Load Cell Interface



AI-1000/AI-1000-CV
Signal Conditioner



DS-3000-Pro/DS-4000-Pro
Touch Screen Display

Wireless Load Cell Configuration



USB Load Cell Configuration



Touch Screen Display Configuration



Analog Load Cell Configuration

