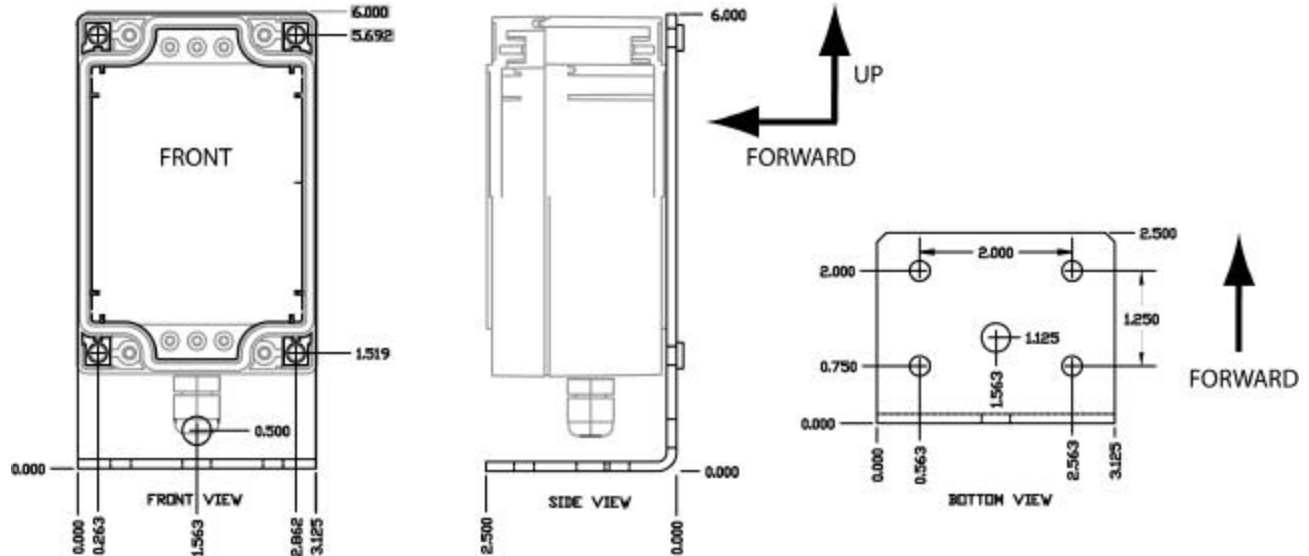


RC3000 FLUXGATE COMPASS

Research Concepts, Inc.
Fax: (913) 422-0211

5420 Martindale, Shawnee, KS 66218-9680
e-mail: support@researchconcepts.com

Phone: (913) 422-0210
www.researchconcepts.com



The Fluxgate Compass box may be either bracket mounted or flush mounted. Without the bracket it may be attached to a flat surface by four 10-32 screws from inside the box through the four corner holes shown in the FRONT view diagram above. An optional FA-MITGBAR-1032 kit may be used to mount the box blind through an accessible surface. The kit provides four standoffs that are attached to the lid of the box providing 10-32 threads to mate with external 10-32 screws. When using the bracket mount, it may be mounted with four 1/4 inch bolts using the holes shown in the bottom view of the bracket in the above diagram. The cable may be routed through either hole in the bracket. The circuit board may also be removed from the housing or an unboxed model is available on order for a custom installations.

- /// This sensor will operate through tilt (pitch & roll) ranges of $\pm 16^\circ$.
- /// White cable 42ft. standard length, 1/4 inch diameter, terminated with a D9 male connector. Other lengths available on request.
- /// A 1/4-inch opening is required for the cable to pass through a panel.
- /// Environmental Specifications
 - Operating Temperature: -40°C to $+65^\circ\text{C}$
 - Storage Temperature: -57°C to $+71^\circ\text{C}$