

The proposed electronic compass is designed for installation onto gyrostabilized and nonstabilized platforms. The compass provides the possibility to simplify the design of equipment and increase the heading measurement accuracy in the range of 0 ... 360 degrees. For this purpose, the compass contains additionally the second Hall-effect transducer, the second signal amplifier, two analog-to-digital converters, two sign formers, four AND logic elements, an absolute value measuring unit, a divider, a functional converter, a heading processor, and a control unit.