

## COMPASS TOP SENSOR MANUAL

C20-00132 is used to convert the magnetic field to NMEA0183 output signal. Install C20-00132 on the surface of a magnetic compass.

The heading of the magnetic compass convert to \$HDT and \$HDM output from the pick up coil.

The NMEA heading sentences HDT and HDM can be connected to other navigational equipment as heading signal such as AIS, Radar etc.

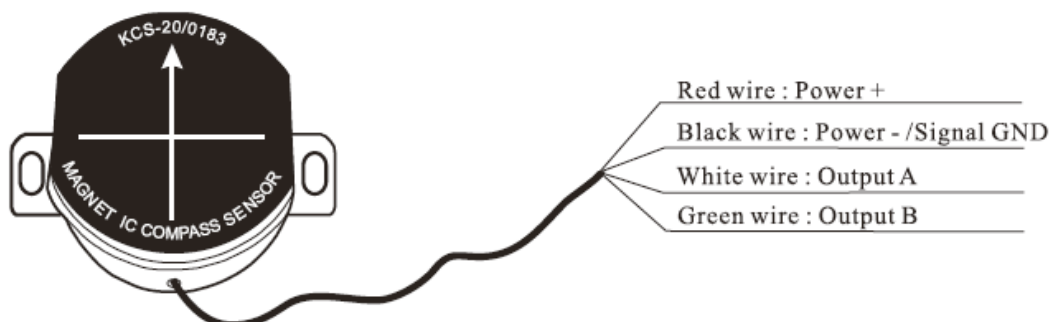
C20-00132 also available for FURUNO format. Please specify when ordering.

### Technical Specifications

- Power: 6 to 32 VDC  
(Reverse polarity protection)
- Accuracy: < 1°
- Output sentences: \$HDT, \$HDM, 4800/n/8/1 (IEC61162-1standar)
- Output rate: 10Hz
- Interface: RS485/422/232

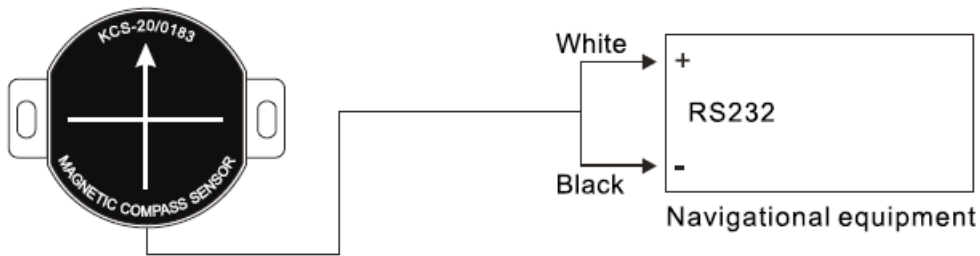
### Installation

1.- Connect the wires according to the following diagram:



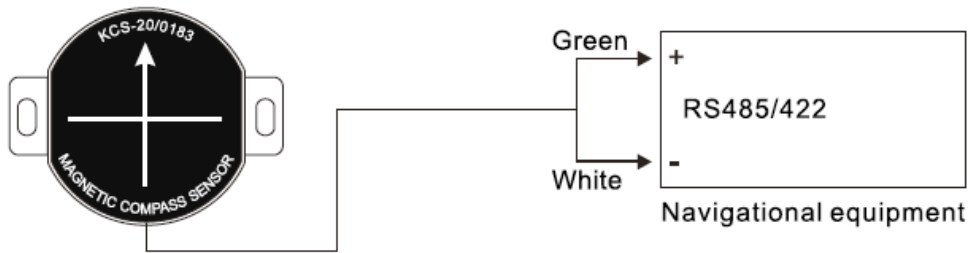
### For RS232 connection

For RS232 connection:



### For RS485/422 connection

For RS485/422 connection :



2.- Remove the stick and locate the C20-00132 / 0183NMEA close to the installation point. ( Don't fix it )

3.- Rotate the C20-00132 / 0183NMEA until the heading on the magnetic compass is same as heading read on the connected navigational equipment.

4.- Fix C20-00132 on the surface of the magnetic compass.

**AUTONAUTIC INSTRUMENTAL**


Marine compasses

Clocks and weather instruments



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