

Mounting Gravity COS

Unit must be mounted upright as accurately as possible!

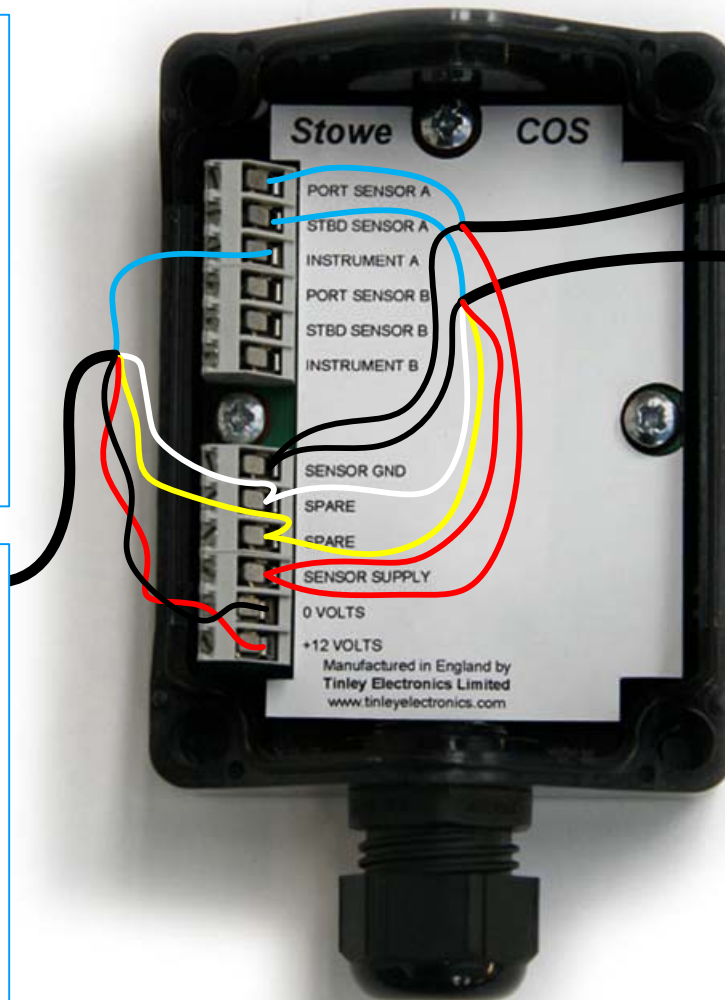
Unit must normally be mounted on a forward facing bulkhead for connections as shown. Optionally you can mount on a rear facing bulkhead if you swap port and starboard transducer connections.

Speed Instrument

For Dataline instruments connect to Databox Speed Sensor connections colours as shown

For Navigator and other instruments connect to power supply using a 250mA fuse

Input supply 10-16 Volts 50mA



Software Version 1.00

Port Sensor

Temperature sensor should only connect to one or other sensor
This diagram shows the Starboard sensor connected

Starboard Sensor

Connections shown are for Stowe 'Type B' sensors:
Red = 12V, Black = 0V, Blue = Speed
White = Temperature, Yellow = Temperature

For Stowe 'Type R' speed sensors with only a single core, connect inner cores to corresponding 'Sensor A' and 'Instrument A' connections and outer screens to 'Sensor B' and 'Instrument B' connections

Compass safe distance: 200mm



Gravity Change Over Switch using Depth Transducers

Mounting Gravity COS

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Depth Instrument

Instrument Depth connections

Power Supply

For Dataline instruments connect to Dataline Bus via a separate cable Red and Black as shown

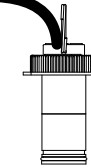
For Navigator and other instruments connect to power supply using 250mA fuse

Input supply 10-16 Volts 50mA

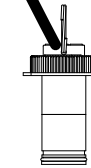


IMPORTANT
Insulate bare wires/
screens

Software Version 1.00



Port Transducer



Starboard Transducer

For depth transducers with only a single core, connect inner core to 'Sensor A' and outer screen to 'Sensor B' For depth sensors with different colour schemes, it does not matter which way round the wires go, as long as all 'A' connections and all 'B' connections are the same as shown.

Compass safe distance: 200mm

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