



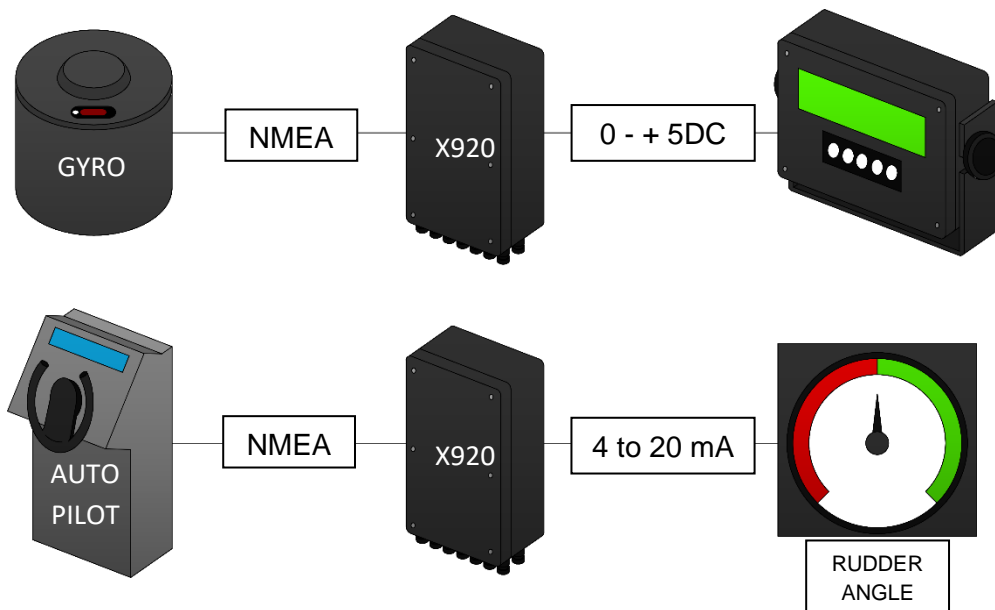
## DIGITAL TO ANALOGUE INTERFACE

The X920 converts NMEA 0183 data from navigation instruments or sensors such as modern gyro compass, echo sounder, GPS & log, etc. into a 4 to 20 mA current loop.

This is a recognised industrial standard commonly used to drive analogue indicators, data loggers, chart recorders and engine control systems.

The X920 also outputs voltages in the range of +/-10 V DC, +/-5V DC or 0 to+5 V DC.

In addition to the wide range of default settings available, this interface can also be programmed to a variety of specific customer requirements.



**SPECIFICATIONS**

**INPUT:** NMEA 0183, RS422 or RS232 via opto isolated channel.

**POWER:** Nominal 24 volts DC at less than 200 mA.

**4-20 mA OUTPUT:** Max voltage 10 volts, Max load 500 ohms.  
Isolated from power, data and ground.

**VOLTAGE OUTPUT:** +/- 10 volts Max.  
10K load minimum.

**DIMENSIONS: DATA** 144 x 222 x 55mm, 850g  
Fitted with cable glands

**OUTPUT:** NMEA 0183 for monitoring & test. Bi-colour status LED.

**NO-INPUT:** If there is no data input then output current will fall to less than 1 mA. Receiving equipment should recognise this as being a fault condition.

**APPROVALS:** IEC60945