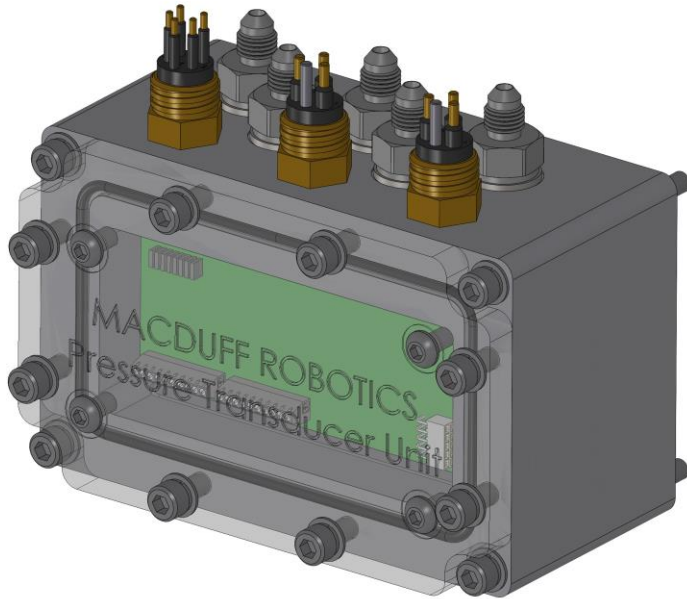


Macduff Robotics

Intelligent Subsea Equipment



Description:

Feedback manifold that houses internal pressure transducers and has additional connections to external pressure transducers, flowmeters, or similar sensors. Any industry available sensor with a 4-20mA current or voltage output can be connected. Sensors are constantly monitored, and readings sent on a serial data string.

Hydraulic sensor feedback manifold

MAIN FEATURES

- Serial RS232 or 485 communications.
- Anodised aluminium construction.
- Internal compensated housing for 5 pressure transducers
- Additional connection for 3 external sensors
- Automatic sensor scanning and data transmission on powerup without external command.
- Easy to understand protocol with check sum calculation for reliable data transmission.
- Free, easy to use software supplied to display sensor output.

Further Information

Advanced spares kits also available

Equipment supplied

Standard tool supply includes

- Manifold assembly
- Operating Manual
- Basic spares kit
- Free windows software for sensor output display.

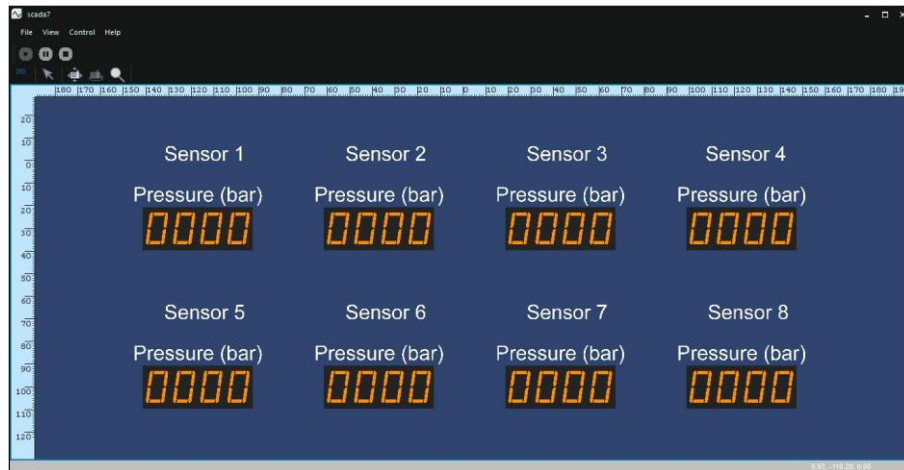


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Specifications

Pressure rating	3000psi (210bar) standard, 5000psi optional.
Power requirement	24Vdc
Communication type	RS232
External sensor electrical connectors	Subcon MCBH4M
Hydraulic ports	¼ BSPP

Supplied software

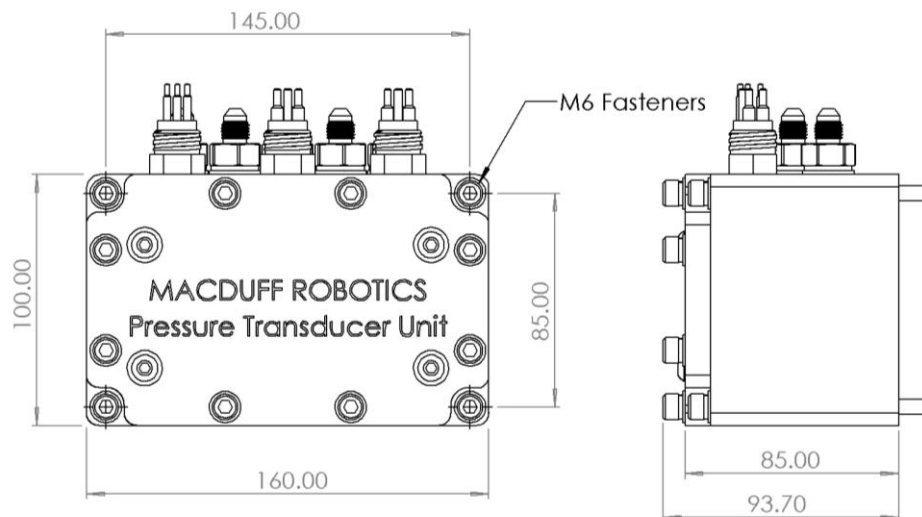


Software features include easy setup for:

- COM port selection
- Baud rate selection
- Reading gain and offset for each channel, for correct scaling.
- Sensor channel labelling

Communication protocols are also supplied for integration into a host vehicles control system.

Dimensions



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