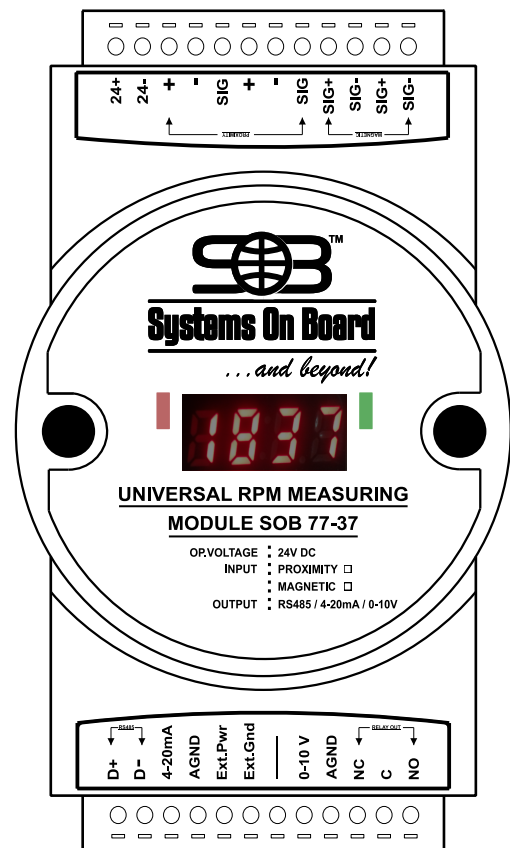


Systems on Board, The House of Interface Solutions, has been actively engaged in design and development of simplified, user friendly single board solutions for the field engineers. The devices are plug-n-play, rugged and easy to install on a rail mount or on base plate.

The Universal RPM MEASURING MODULE **SOB 77-37** is one of such solutions specially designed for **OEMs** and service engineers to monitor rpm.

This single page flyer is sufficient to start up for any engineer hooking one device to many other devices. However, should you have issues or question, please feel free to contact our nearest distributor/dealer who shall have an immediate answer to your problem.



OVERVIEW :

The Bi-Directional RPM module can accept signals from either two proximity or two magnetic sensors. Module measures RPM of various systems such as propeller shaft, propulsion engines, diesel generators, gas turbines etc.

This module works on principle of frequency measurement. Frequencies are acquired from proximity/magnetic sensors which are then converted into linear analog signal and serial data output.

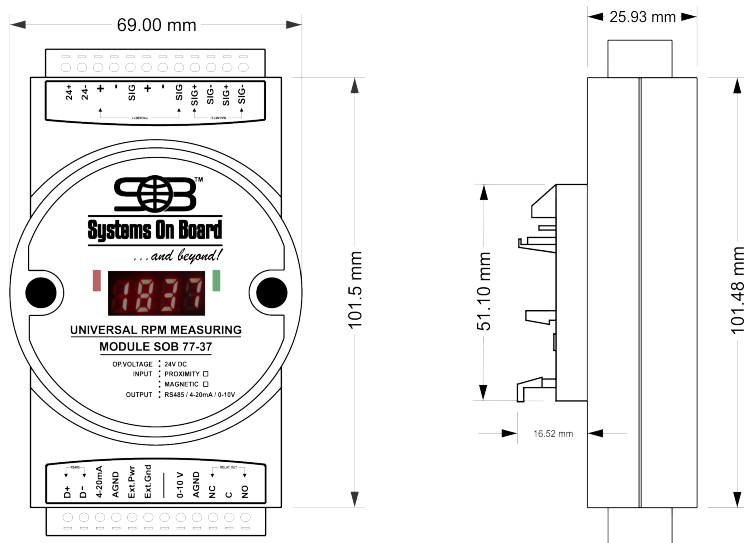
FEATURES :

- Speed range from (0- 9999) rpm
- 4-Digit Seven segment Display
- Different output format - NMEA0183 / MODBUS (selectable by user)/Analog Out
- Direction Indicating LEDs on front fascia
- Fully configurable & programmable using PC based terminal software
- Relay out for Alarm & Over speed rpm can be set by user through Terminal software
- Highly accurate (accuracy within 1 rpm)
- Reliable operation
- Bi-directional operation

<http://www.systemsonship.in>



MECHANICAL SPECIFICATION :



TECHNICAL SPECIFICATION :

Input : Proximity, Magnetic Pickup Sensor

Output : RS485 / 4 -20mA / 0-10V

Operating Voltage : +18~36Vdc

Range : 0-9999 RPM

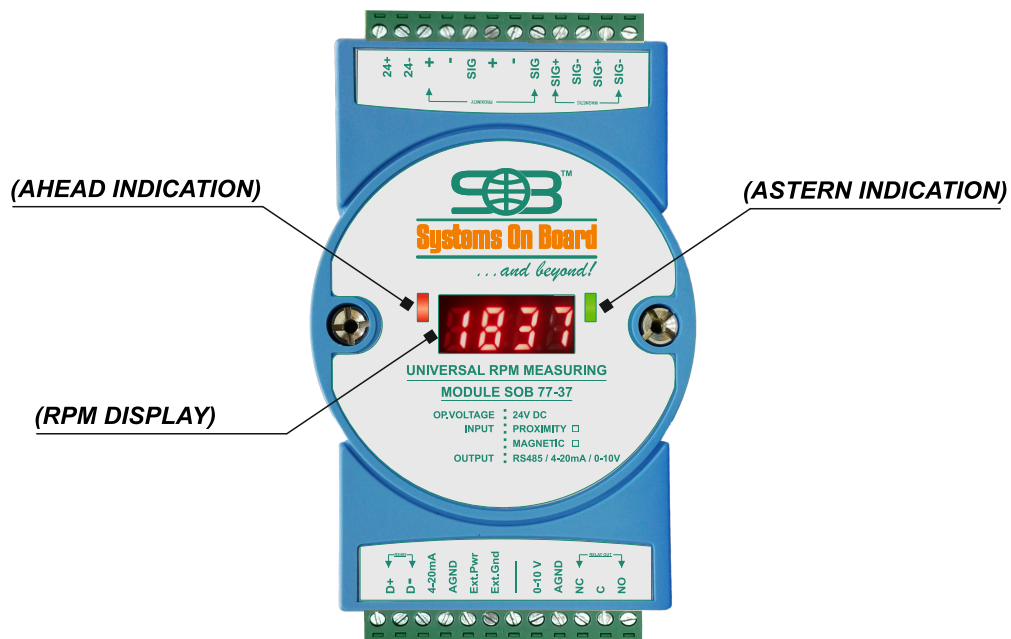
Accuracy : ± 1 rpm over the range

Display : 4 Digit Seven Segment Display

Direction Indication LEDs on front

Operating Temperature: -10~+50 °C

Mounting : DIN Rail



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