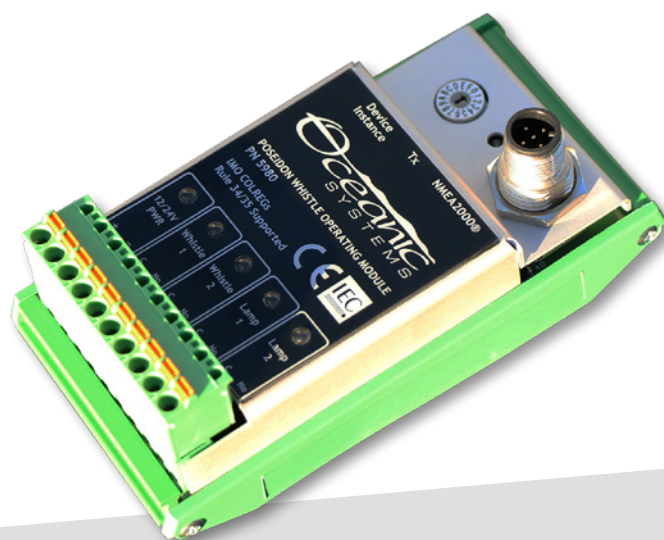




WHISTLE OPERATING MODULE

FEATURES

- ◆ Automatic operation of whistles and lights
- ◆ General signalling to IMO Rule 34
- ◆ Reduced visibility signalling to IMO Rule 35
- ◆ Single touch instantaneous horn button
- ◆ Operation from any Poseidon touchscreen display
- ◆ Primary and secondary horn and light circuits
- ◆ 1 Amp power switching on each of 4 circuits
- ◆ Indicator LEDs
- ◆ 12V or 24V operation



The Oceanic Systems' 5980 Whistle Operating Module provides fully automatic control of the ship's whistles and warning lights, which can be activated by any Poseidon display.

The unit includes automated general signalling for manoeuvring to starboard, port, astern and danger signals to IMO Rule 34. It also carries reduced visibility signalling for power vessel, power vessel stopped, anchored, towed or not under command to IMO Rule 35 with variable repeat times as required. It also includes an immediate horn control directly from any touchscreen on the vessel.

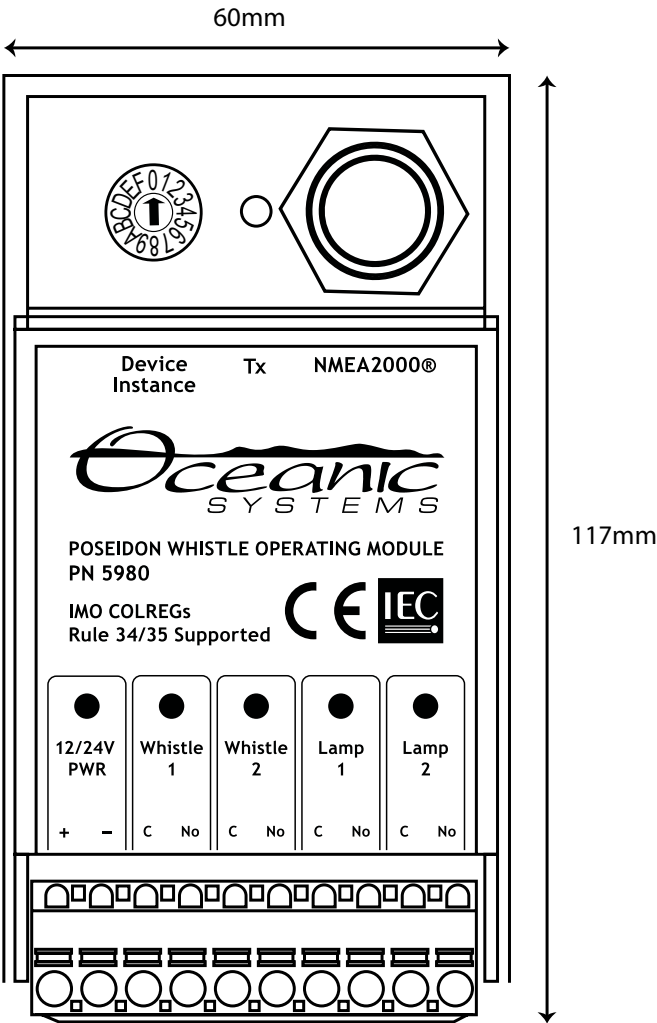
The Whistle Operating Module has two horn control relays and two warning light control relays for future flexibility. Each relay can switch 1 Amp to control the required whistles and lights.

The 5980 Whistle Operating Module is an important part of Oceanic's Poseidon alarm, monitoring and control system.

WHISTLE OPERATING MODULE

Part Number: 5980

Dimensions



Design Standard

NMEA2000	Tested
Maritime Navigation and Radiocommunication Equipment	IEC60945
CE Mark and FCC	Electromagnetic Compatibility
IMO COLREGs	Rule 34/35 Supported

NMEA2000 Parameter Group Numbers (PGNs)

Type	PGN No.	PGN Name
Command	PGN065453	Whistle Command (propriety)
Monitor	PGN065452	Whistle Status (propriety)
Protocol	PGN126464	Tx/Rx PGN List
	PGN126996	Product Information
	PGN059392	ISO Acknowledge
	PGN059904	ISO Request
	PGN060928	ISO Address Claim
	PGN126208	Command/Request Group
	PGN126993	Heartbeat
	PGN126998	Configuration

Electrical and Mechanical

Parameter	Value
Operating Voltage	9 to 32 VDC
Power Consumption	300mA
Load Equivalence Number	1
Relays	4
Protection	Indefinitely
Load Dump Protection	Yes to SAE J1113
Size	117mm x 70mm x 60mm
Weight	100g
Panel Mounting	DIN EN 60715 G32 DIN EN 60715 TH35

Environmental

Parameter	Value
IEC60954 Classification	Protected
Degree of Protection	IP20
Operating Temperature	-25C to 50C
Storage Temperature	-40°C to 70°C
Relative Humidity	93%RH @40° per IEC60945-8.2
Vibration	2-13.2Hz @ +-1mm, 13.2-100Hz @7m/s2 per IEC60945-8.7
Electromagnetic Emission	Conducted and Radiated Emission per IEC60945-9
Electromagnetic Immunity	Conducted/Radiated per IEC60945-10, 61000

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Our policy is one of continuous product improvement, therefore product specifications are subject to change without notice. Oceanic Systems products are designed to be accurate and reliable. However, they should be used only as aids to vessel monitoring, and not as a replacement for traditional navigation and vessel monitoring techniques.

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