

5980 Whistle Operating Module Datasheet



- 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.

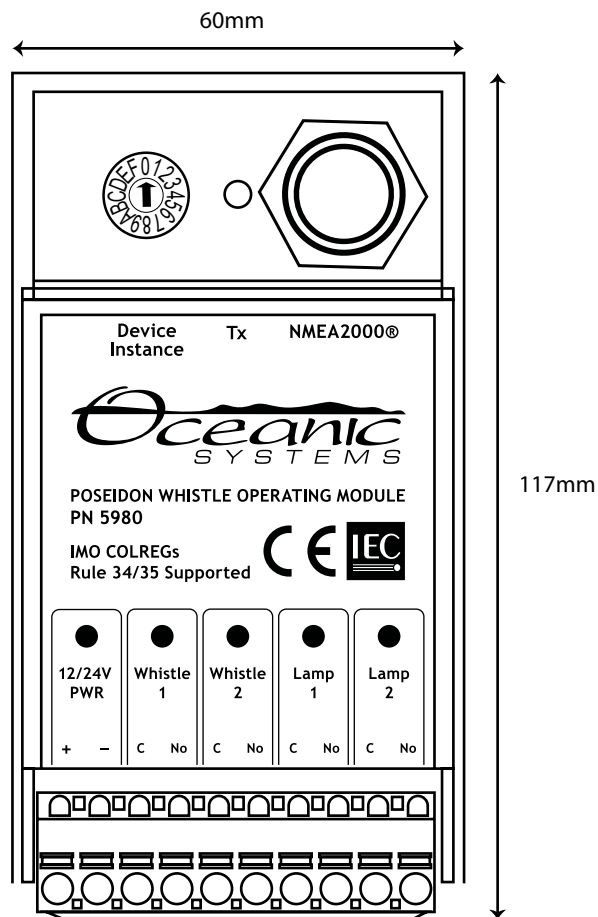
The 5980 Whistle Operating Module is an important part of Oceanic's new Poseidon Alarm, Monitoring and Control System.



Whistle Operating Module Datasheet

Part No. 5980

Unit Dimensions



Design Standards		
NMEA2000®	Tested	
Maritime Navigation and Radiocommunication Equipment	IEC60945	
CE Mark and FCC	Electromagnetic Compatibility	
IMO COLREGs	Rule 34/35 Supported	
NMEA2000® PGNs		
Type	PGN No.	PGN Name
Command	PGN065443	Whistle Command (propriety)
Monitor	PGN065442	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		
Operating Voltage	9 to 32 Volts	
Power Consumption	300mA	
Load Equivalence	1	
Relays	4	
Protection	Indefinitely	
Load Dump	Yes to SAE J1113	
Mechanical		
Body Size	117mm x 70mm x 60mm	
Weight	0.1kg	
Panel Mounting	DIN	
Environmental		
Protected	IEC60945	
Degree of Protection	IP20	
Operating Temperature	-25C to 50C	
Storage Temperature	-40C to 70C	
Relative Humidity	93%RH @40C 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, Supply and ESD per IEC60945-10	

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