

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.

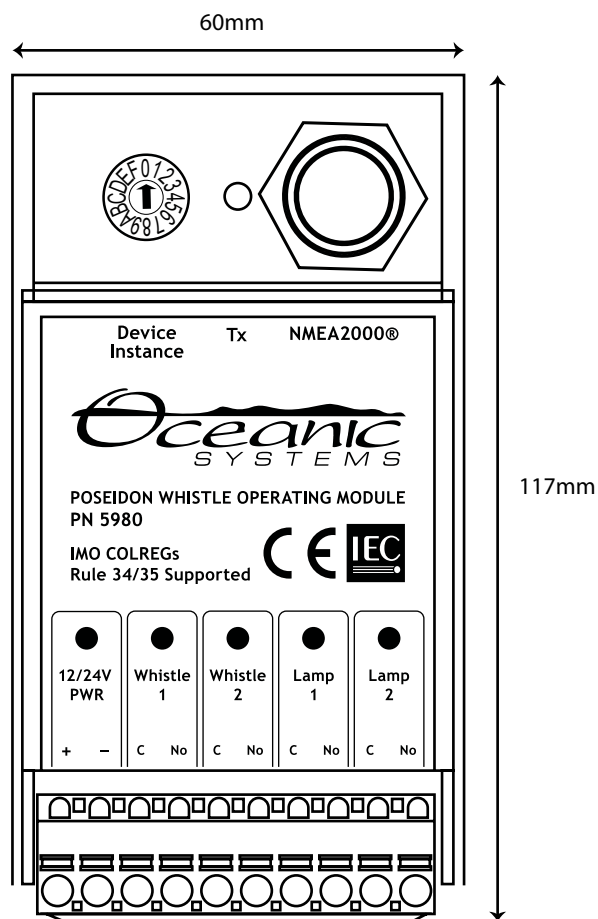
The 5980 Whistle Operating Module is an important part of Oceanic's new Poseidon Alarm, Monitoring and Control System.



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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