

FEATURES

- Splashproof construction
- Works with M3 Sonar® at 100 Mbps.

FRONT PANEL

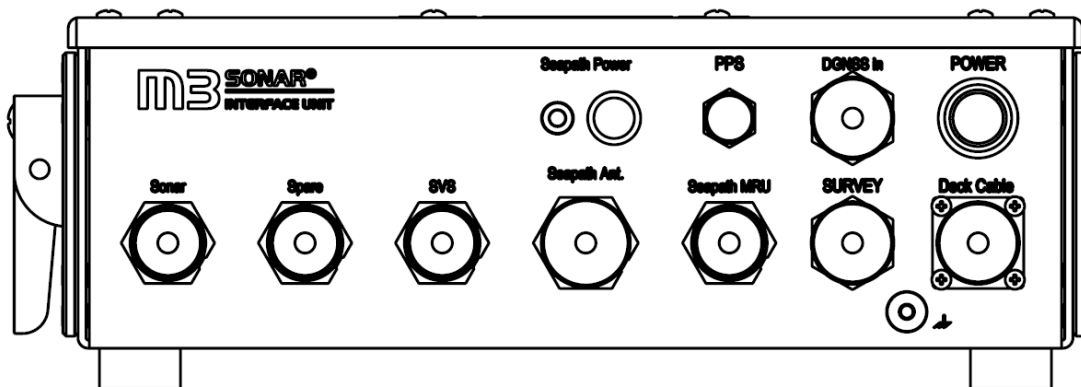


Figure 1 M3 Sonar® Interface Unit Front Panel

Seapath Power	Seapath sensor power indicator and fuse.
PPS	1PPS output from Seapath GNSS sensor.
DGNSS In	DGNSS correction input.
POWER	On/Off power switch.
Sonar	Connector for interface to M3 Sonar®.
Spare	Connector for interface to additional sensors.
SVS	Connector for interface to Valeport miniSVS.
Seapath/Ant	Connector for interface to Kongsberg Seatex Seapath.
Seapath MRU	Connector for interface to Kongsberg Seatex MRU.
SURVEY	GNSS Serial output from Seapath. Can be repurposed for Ethernet input from additional sensors.
Deck Cable	Connector for interface to power and telemetry deck cable.

Table 1: Front Panel features

The PPS is a BNC connector with the following pin outs:

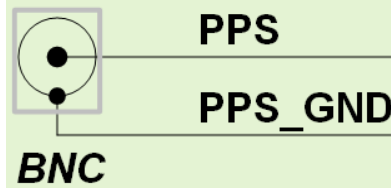


Figure 2 PPS Connector Pin Out

The DGNSS In is a RJ45 connector with the following serial pin outs:

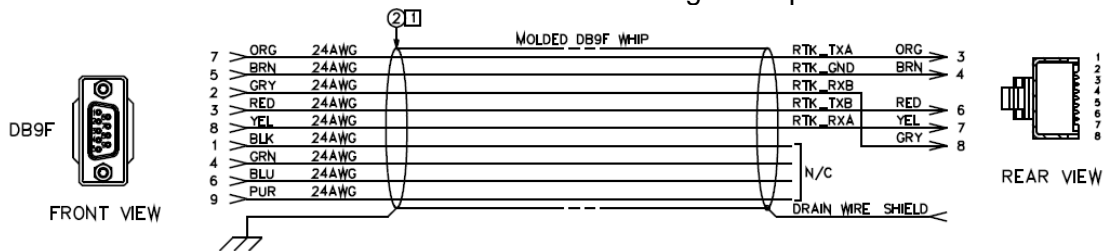


Figure 3 DGNSS In Connector Pinout

The RJ45 to DB9F adapter whip (436-03520000) is included in the M3 Sonar® Interface Unit accessory kit.