

Open Communications Hub

Proserv open communications hub subsea module is designed and manufactured entirely in house and has a number of different footprints based upon location and water depth requirements. Each open communications hub is configured specifically for the application that includes, but is not limited to.

- High power instrumentation 250W (larger capacity is available upon request)
- SIIS L1, L2, L3 interfaces
- FO and powerline communications
- Co-exist with other OEM systems
- Electrical actuator control
- SeaHawk™ subsea video surveillance
- Leak detection interface



Compact



Standard



Large

Technical details - typical configuration

Dimensions	Varies upon configuration		
Weight	approx. 100 kg-1000 kg		
Environmental qualification (ISO 13628-6)	Temperature - operating: -18 °C to +40°C		
Design depth	Designed to 3,000 m (9,843 ft) WD		
OCH consists of:	A2G SEM electronics OCX PL modem technology FO interface LIM monitoring for stepouts	PL 9.6 - 390kbps 2.9 Mbit OFDM FO Gbit 200 km	Qualified in accordance with API 17F
Inputs	FO, Powerline 0-650 Vac 50/60 Hz	Up to 250 W standard	1 input per powerline channel
Outputs	Ethernet, CANBus, 4-20 mA, Serial, DO, PL for additional step-outs, others on request	Output 24 VDC or 27 VDC, 500 Vac distribution	No. OP connectors: 2 - compact 6 - standard 12 - large
Third party	Open communications architecture Supports Modbus TCP or serial, CANBus, Profibus, 4-20 mA	Transparent IP or serial communications to instruments	SIIS L1, L2, L3 compliant