



Power Distribution Unit

innova.no

Part number: 5001919

The Power Distribution Unit (PDU) is an electronic pressure vessel for distribution of electrical power and ethernet signals. The set of subsea connectors allows for 2 power inputs to be distributed to 6 different outputs.

The unit contains an ethernet switch for distribution of ethernet signals, and sensors for monitoring of temperature and leak detection.

PDU is nitrogen-filled and hyperbaric tested to working pressure prior to delivery.

Key features

- 2 power inputs, 6 outputs
- Temperature and leak detection sensors
- Designed for 3000 m water depth
- Field proven

ENVIRONMENTAL DATA

- Design life (maintainable): 20 years
- Design temperature range: -18 °C to 40 °C
- Operation temperature range: -18 °C to 40 °C
- Storage temperature range: -18 °C to 50 °C (storage temperature above 0 °C is preferred)
- Water depth rating: 3000 msw

DIMENSIONS AND WEIGHT

- Diameter: 290 mm
- Length (excl. electrical connectors): 400 mm
- Weight in air: 90 kg
- Weight in water (estimated): 65 kg
- Lifting RUD eye bolts: M12 bolts

ELECTRICAL

Inputs:

- 440 VAC 50 / 60 Hz
- 230 VAC 50 / 60 Hz
- 24 VDC

Power outputs (C3 - C10):

- 440 VAC
- 30 VAC

