

Electronic Float Switch

34-1900B 12/24 V

IB-111 R03 (03/2012)

ORIGINAL INSTRUCTIONS/TRANSLATION OF ORIGINAL INSTRUCTIONS
READ AND UNDERSTAND THIS MANUAL PRIOR TO OPERATING OR SERVICING THIS
PRODUCT



Electronic Float Switch

Suitable for all SPX Johnson Pump submersible bilge pumps in marine environment. To be installed in the keelson.

Security

- The float switch should be located at the lowest position in the bilge and mounted with base of switch even or below base of bilge pump.
- Always install the switch according to wiring diagram, page 10-11.
- The wire connections must be sealed with a marine sealant.
- Insulation or cable sheathings must be placed above the highest bilge water level.

Type designation

	Part No
Electronic Float Switch 12 V	34-1900B-12V
Electronic Float Switch 24 V	34-1900B-24V

Operation

See illustration page 9.

- A. When the bilge water rises the magnet float (1) floats up and the air in the float house (2) is forced out through the vent hole (3).
- B. The magnet float starts the pump (4) when bilge water reaches 50 mm. The valve (5) closes and the magnet float stays in the start position due to vacuum inside the float house.
- C. When the bilge water has sunk to level 20 mm, air is let in through the air opening (6) in the float house. The magnet float falls down and cuts off the power.

Installation

The switch is designed to attach the SPX Johnson Pump Cartridge bilge pump. To attach it to another SPX Johnson Pump bilge pump, use the adapter provided.

Electrical installation

See page 10-11.

Ampere draw

Type	Max
34-1900B-12V	15 A
34-1900B-24V	10 A

Waste management / Recycling

Dispose of the product in accordance with existing regulations.

Where appropriate, dismantle and sort the product by its material fractions.