



PHN DEPTH PRESSURE DEPTH SENSOR Product Specification Sheet



Technical Specifications:

Dimensions: 5" X 1.25" X 1"

Construction: 316L Stainless Steel Material

Diaphragm: Tantalum or optional Titanium

ENV Rating: Fully Submersible

Power: Sensor Input: 5V DC

Transducer: 19mm Diameter

Gauge: Absolute

Pressure Ranges: 5 PSI or 15 PSI

Resolution 5 PSI = 1mm
15 PSI = 2mm

Range: 5PSI = 10ft (3m)
15PSI = 30ft (9.14m)

Cable Vented 5 conductor, 6mm Diameter

Overpressure 1.5 times Full Scale

Linearity: ± 0.15 FS

Temperature: -40 to 125 C

ALL PRODUCT, PRODUCT SPECIFICATIONS AND DATA ARE SUBJECT TO CHANGE WITHOUT NOTICE TO IMPROVE RELIABILITY, FUNCTION, DESIGN OR OTHERWISE. ... It shall be the customer's responsibility to validate that a particular product with the properties described in the product specification is suitable for use in a particular application.

Stainless Steel Transducer Element

Vortex Shedding Hydrostatic Shield

Use in Static and Flowing Conditions

Waterproof, Impact Resistant Urethane Construction

Streamline Design Minimizes Fouling

PHN15 / PHN05 Pressure Depth Sensor

Easily monitor water depth in flowing and static conditions. PHN technology mitigates the pressure vortex caused by velocity and accurately measures the depth of water in any condition. This sensor is designed to work in a multitude of installations such as pipes, weirs, stilling wells, streams, ponds, and lakes.

In addition to the hermetically sealed stainless steel transducer, the PHN is further encapsulated using inert materials, making this a great solution for industrial and wastewater applications.

Combined with the SOLOSiren®, this low-power, fast response depth sensor makes this an ideal compact, mid to long term monitoring deployment option.

Available in both 5 and 15 PSI variants, accurately monitor a wide range of depths from a low 0.04 in (1mm) to maximum 30 ft (9.14m).

