



AQUAMONIX
Measure. Monitor. Master.

LEVEL MEASUREMENT

iC Level Sensor PS40

The AQUAMONIX PS40 is an economical and reliable sensor for measuring levels in shallow water.

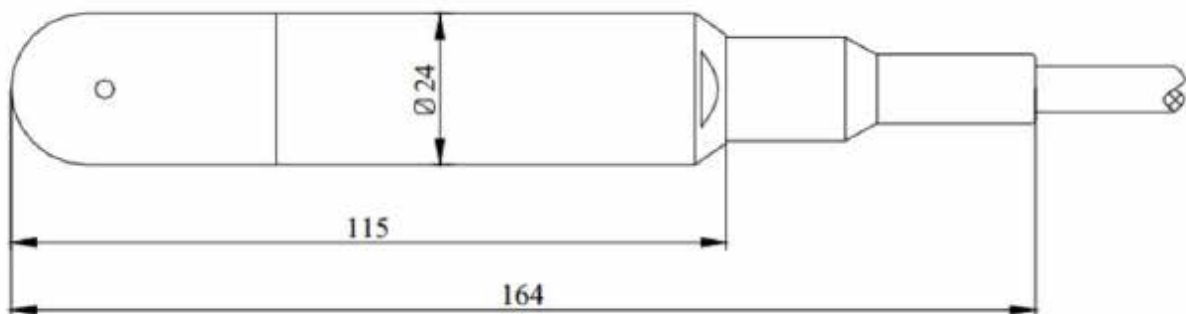
This durable transducer is ideal for tank monitoring and shallow well measurement. It is rugged enough for long term deployment in a wide range of applications.

The standard sensor has a 0-5v output, with 0.25 – 2.25 and 4-20mA outputs available on request. It's versatile enough for low powered remote monitoring of process and irrigation applications with decoder systems.



FEATURES

- Heavy-duty stainless-steel construction
- IP68 rated
- Compact form factor
- Absolute or gauged pressure format
- Non-vented or reinforced vented cable
- Easy to install



OPERATING DATA	ORDER CODE
Model Number	PS40 specify type/specify range/specify cable length
Standard Ranges (H2O m)	3.5m to 300m (H2O)
Accuracy at 25°C	±0.5%F.S (inc linearity, hysteresis, repeatability, and calibration error)
Long term Stability	±0.25%FS/year
Response Time	≤10ms
Operating Temp	-40°C - 85°C
Compensated Temp	-10°C - 70°C
Output Signal	4-20mA. others on request
Supply Voltage	8 -28VDC others on request
Max Supply current (without Load)	4 mA
Overvoltage	32VDC
Reverse Voltage	-40VDC
Insulate Resistance	≥100MΩ@100VDC
IP Rating	IP68
Housing Material	304 stainless steel default, 316L stainless steel and titanium optional
Seal Material	NBR O-Ring default, FKM optional
Cable Material	PE default, PUR and FEP optional