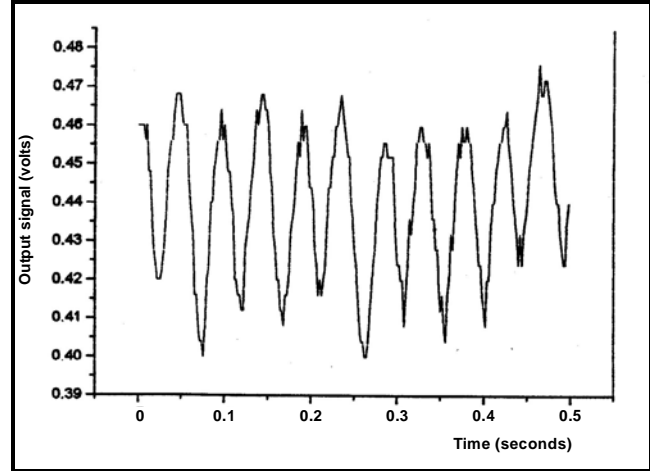


NanoFP™ OPTICAL FIBER-BASED HUMIDITY SENSOR Product # NanoFP-HS



NanoFP™ optical fiber-based humidity sensor instrumentation unit



Typical NanoFP™ output for rapid variations in local humidity at an optical fiber humidity sensing element

Product Features

- For use in a wide range of environmental, medical and industrial applications
- Ultra-small probe size with ultra-fast response time
- Environmentally rugged sensing element geometry and coating chemistry

Product Specifications

Measurement Range	0-100%RH
Accuracy	±6% at 20C for 11 to 55%RH
Risetime (10-90%)	~100ms
Output Voltage	0 to 4V
Analog Output Connector	BNC
Sensor Diameter	2.5mm
Dimensions	15cm×10cm×8.8cm
Weight	14oz.
Power Supply Input	115-220V, 50-60Hz
Power Supply Output	5VDC

NanoFP™ Instrumentation Unit: please contact for pricing

Humidity probes by fiber sensor probe length:

NHP-1, one meter

NHP-2, two meters

NHP-X, X meters: special orders available

For price or additional product information, please contact our Sales Representative:

Phone: (540) 953-1785; E-mail: products@nanosonic.com

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