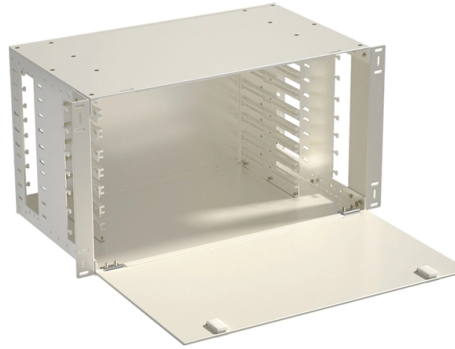


# Fiji Opsens Fiber Optic Sensor



## Article Overview

The Fiji Opsens Fiber Optic Sensor is a high-precision, robust optical sensor designed for temperature, pressure, and strain measurements in harsh industrial, medical, and research environments.

### Overview

The Fiji Opsens Fiber Optic Sensor leverages fiber optic technology to provide highly accurate and reliable measurements in environments with strong electromagnetic interference, high temperatures, or aggressive chemicals. It is suitable for applications in oil and gas, life sciences, medical devices, geotechnical monitoring, and industrial process control.

### Sensor Types and Technologies

- Temperature Sensors (OTG and OTP series): These sensors use Gallium Arsenide (SCBG) or White Light Interferometry (WLPI) technology to achieve high accuracy ( $\pm 0.15^{\circ}\text{C}$  to  $\pm 0.3^{\circ}\text{C}$ ) and fast response times (



## Article Content

Opsens a fractional flow reserve, Oil & Gas and fiber

About OpSens Fiber optic sensors manufacturer offering solutions for interventional cardiology Fractional

OPP-M fiber optic pressure sensor, probe and transducer

Opsens Solutions'' OPP-M is a MEMS-based fiber optic pressure sensor † designed for industrial applications. The sensor has a

About Opsens Solutions division

Fiber optic sensors manufacturer offering solutions for Oil & Gas, Aerospace & Defense, civil engineering, geotechnical and other

OTP-A Fiber Optic Temperature Sensor

WLPI-based fiber optic temperature sensor for industrial, aerospace, defense, civil engineering, geotechnical and long term reliability

OPP-GD Series

Based on the WaterSens solution using Opsens Solutions'' fiber-optic pressure sensors to measure water levels, the sensors,

Fiber optic sensor & transducer for structural health monitoring

Fiber optic sensor for strain, linear displacement and deformation monitoring. Designed for structural health monitoring. Easy to

Optical pressure sensors

The optical pressure sensors in the OPP series from Opsens deliver outstanding measurement results

OSP-SW fiber optic strain sensor

WLPI-based fiber optic strain sensor for geotechnical, Aerospace and Defense, transportation, cryogenic superconductivity MR coils

FIBER OPTIC PRESSURE SENSOR

The OPP-B pressure sensor is compatible with all Opsens Solutions'' WLPI (Patent #7,259,862) signal conditioners. With the inherent

OPSENS WHITE-LIGHT POLARIZATION INTERFEROMETRY

Opsens'' founders are known to have pioneered the use of white-light interferometry for fiber optic sensing and to have brought this

OTG-F Fiber Optic Temperature Sensor

GaAs-based fiber optic temperature sensor for demanding industrial environment with high voltage, RF and microwave.

ODP-A fiber optic displacement sensor, probe and transducer.

Opsens' ODP-A fiber optic displacement sensor is designed to offer high precision in the most demanding environments. Combined

Opsens a fractional flow reserve, Oil & Gas and fiber

OpSens Solutions delivers a high-end fiber optic sensing solution to Oil & Gas producers, providing them

Cutting-Edge Fiberoptic Sensing | FiSens GmbH

Our optical fibers offer high sensing multiplexing capability on the smallest possible footprint, while

OPP-W Fiber Optic Pressure/Temperature Sensor

The OPP-W is a Fabry-Perot interferometer based, fiber optic pressure and temperature sensor constructed from

Fiber Optical sensors for Industrial applications

Fiber optic solutions for industrial applications: temperature, pressure, displacement, strain by Opsens Solutions. Contact us.

OPP-C Fiber optic pressure sensor

Opsens Solutions' OPP-C, MEMS-based fiber-optic pressure sensor, is perfectly tailored to meet the challenges of pressure

OEP-AC & OEP-SW

Based on Opsens Solutions' unique WLPI signal conditioning technology (Patent # 7,259,862) and the inherent advantages of fiber

Opsens Solutions' fiber optic pressure sensor, probe and transducer.

Opsens Solutions OPP series fiber optic pressure transducers are designed to provide accurate pressure measurement in the most

OPP-B Fiber Optic Pressure Sensor

WLPI-based fiber optic pressure sensor for water level, geotechnical, Aerospace Defense, aviation, transportation, test and

OTP-M fiber optic temperature sensor, probe and transducer

High accuracy fiber optic temperature sensor for industrial applications. Opsens Solutions' OTP-M is designed to perform in

## Fiber optic strain sensors and deformation gages

The miniature size and high accuracy of Opsens fiber optic strain are perfect to measure any change in dimension due to stress,

## Optical Fiber Sensor Suppliers Serving Fiji

Fiber optic sensors manufacturer offering solutions for Oil & Gas, Aerospace & Defense, civil engineering, geotechnical and other

## OTG-PM Fiber Optic Temperature Sensor

Fast response time GaAs-based fiber optic temperature sensor for energy and power electronic related applications The OTG-PM

## Fiber Optic Pressure Sensors

OpSens OPP series fiber optic pressure transducers are designed to provide accurate pressure

## Fiber Optic Temperature Sensors

OpSens" fiber optic temperature sensor is designed to provide accurate real-time temperature monitoring during MR, RF ablation,

## Contact Us

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