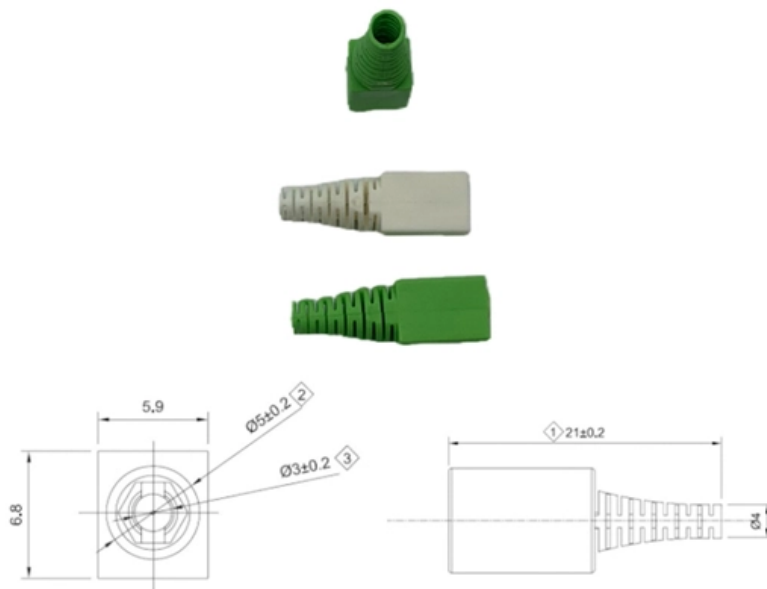




**Adam Tas Corridor Energy**

# Tuvalu Opsens fiber optic sensor





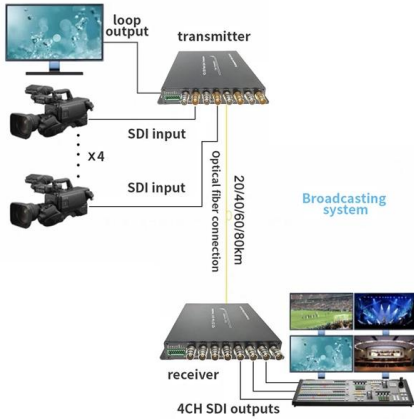
## Overview

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OpSens supplies a wide range of fiber optic sensors and signal conditioners for temperature, pressure, strain and deformation measurement based on proprietary patent and patent-pending technologies. Opsens Solutions optical pressure sensor delivers reliable results in harsh environment. Shaping a new standard - An advanced FFR pressure guidewire with fiber optic sensing technology. The OPP-W, which is based on an optical sensing element made of monocrystalline sapphire, offers superior.



## Tuvalu OpSens fiber optic sensor



### IMP0091 OPP-C Rev 2.1\_Layout 1.qxd

Description OpSens' OPP-C, MEMS-based fiber-optic pressure sensor, is perfectly tailored to meet the challenges of pressure monitoring applications in submerged and/or harsh environments. The OPP

### FIBER OPTIC TEMPERATURE KEY FEATURES SENSOR

Combined with OpSens Solutions' SCBG (Semiconductor Bandgap) signal conditioning technology and with the inherent advantages of fiber optic, the OTG-M Series delivers unprecedented repeatability



### OPP-C Series

Fiber Optic level sensor - OPP-C Series Thanks to optical sensors, hydrostatic pressure measurement enables accurate long-term monitoring of liquid levels

**OpSens a fractional flow reserve, Oil & Gas and fiber optic sensor company.**

OpSens Solutions delivers a high-end fiber optic



sensing solution to Oil & Gas producers,  
providing them with reliable real-time downhole



### **Opsens fiber optic sensor company for FFR and Oil & Gas.**

Fiber optic sensors manufacturer offering solutions for interventional cardiology Fractional Flow Reserve FFR, Oil and Gas and industrial applications.



### **Opsens Solutions, Fiber Optic Temperature Sensors**

Fiber Optic Temperature Sensors: OTG Series (SCBG) OTG series fiber optics temperature sensors are designed for applications that require very focal



### **OTG-R Fiber Optic Temperature Sensor**

This compact and robust fiber optic temperature sensor is available with different optical cables and sheath options and is customizable according to customer





### **OPP-M fiber optic pressure sensor, probe and transducer**

OPP-M Fiber optic miniature pressure sensor  
MEMS-based fiber optic pressure sensor  
providing high frequency response and additional  
functions resistant to MR for industrials  
applications.



### **OPP-B Fiber Optic Pressure Sensor**

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

### **Opsens a fractional flow reserve, Oil & Gas and fiber optic sensor company.**

About OpSens Fiber optic sensors manufacturer  
offering solutions for interventional cardiology  
Fractional Flow Reserve FFR, Oil and Gas



### **Opsens Solutions temperature, pressure, strain,**

Fiber Optic Temperature Sensors High accuracy  
and repeatable optical temperature sensors for  
your needs. More details



### 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 monitoring Applications in submerged

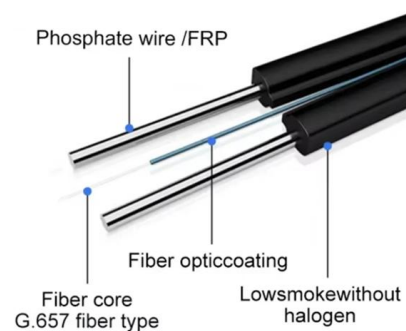


### Fiber optic sensors for industries

Industries Opsens Solutions' fiber optic for temperature, pressure, strain & displacement for industries. Opsens Solutions offers sensors and signal conditioners adapted to your needs and specific

### OpSens Solutions Fiber Optic Sensing Technology Selected for the

OpSens, through its subsidiary OpSens Solutions (), is also involved in industrial activities in developing, manufacturing and installing innovative fibre optic





### **OTG-I220 & OTG-I360 Fiber Optic Temperature Sensor**

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

### **OSP-SW fiber optic strain sensor**

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

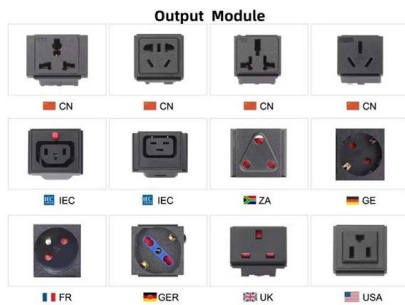


### **Optical Fibre-Based Sensors--An Assessment of**

Optical fibre sensors are an essential subset of optical fibre technology, designed specifically for sensing and measuring several physical parameters. These

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

WLPI-based fiber optic displacement sensor for geotechnical, Aerospace Defense, aviation, transportation, test and measurement and general industry.



**Why Choose Us**

- 28 Years of OEM/ODM**  
28 years factory manufacturing experience.
- Professional R & D team**  
10-years experience/mold/electronic engineer.
- Fully Certified**  
Our are certified CE,UL,FULV,ISO9001,ISO14001 etc.
- Timely Delivery**  
23 production lines, 1000 employees, Timely delivery guaranteed.
- Quality Assurance**  
Professional QC team with full-process inspection.
- After-sales service**  
After-Sales Service for Customer Satisfaction.

## Tuvalu Distributed Fiber Optic Sensor In Oil & Gas Market (2025-2031)

6Wresearch actively monitors the Tuvalu Distributed Fiber Optic Sensor In Oil & Gas Market and publishes its comprehensive annual report, highlighting emerging trends, growth drivers, revenue

## Opsens fiber optic sensing technologies

Opsens actual offer includes a complete family of fiber optic Fabry-Perot pressure sensors covering a wide range of applications such as for medical catheters,



## OPP-GF Fiber Optic Pressure Sensor

Opsens Solutions' OPP-GF, MEMS-based fiber optic pressure sensor specially packaged for spot welding installation. Its low and smooth profile is perfectly



## OPP-W Fiber Optic Pressure/Temperature Sensor

Designed especially for demanding hazardous environments, it is encased in robust inconel-718 housing for applications requiring a rugged sensor. The OPP-W delivers in- situ and



## Fiber Optic level sensor WaterSens

Fiber Optic level sensor WaterSens Reliable measurement of liquid levels in the most demanding environments

## OTP-M

The OTP-M is compatible with the WLPI AccuSens signal conditioners. This compact and precise fiber optic temperature sensor, available in different cables and



## Optical Fiber Sensors and Sensing Networks: Overview

In this work, we identified several areas of potential future developments, namely optical fiber sensors and sensing networks, and the



## OTG-A Fiber Optic Temperature Sensor

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



## OTG-F Fiber Optic Temperature Sensor

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



## OPP-C & OPP-CT Fiber OPTiC KEY FEATURES Pressure sensOrs SENSOR

Opsens Solutions' OPP-C, MEMS-bases fiber-optic pressure sensor, is perfectly tailored to meet the challenges of pressure monitoring applications in submerged and/or harsh environments.



### **OPP-C & OPP-CT Fiber OPTiC KEY FEATURES Pressure sensOrs**

Opsens Solutions' OPP-C, MEMS-bases fiber-optic pressure sensor, is perfectly tailored to meet the challenges of pressure monitoring applications in submerged and/or harsh environments.

## **Contact Us**

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For datasheets, pricing, or custom telecom energy solutions, please visit:  
<https://www.koskolong.co.za>