

Robust Active Surface  
Ø1,65 mm

Glass Housing:  
10x3x2 mm

Fibre Length up to  
1000 m with no EMI

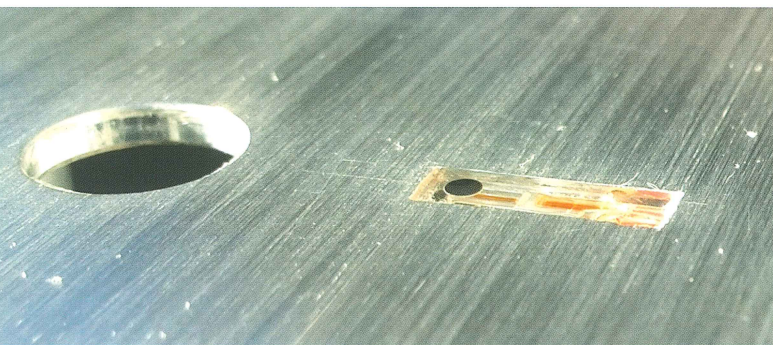
in cooperation with  
**fos4X**

**Fibre-Optic  
Pressure Sensors**

## Fibre-Optic Pressure Sensors

We are offering a range of fibre optic sensors in cooperation with fos4X. The pressure sensors have many advantages over electric devices:

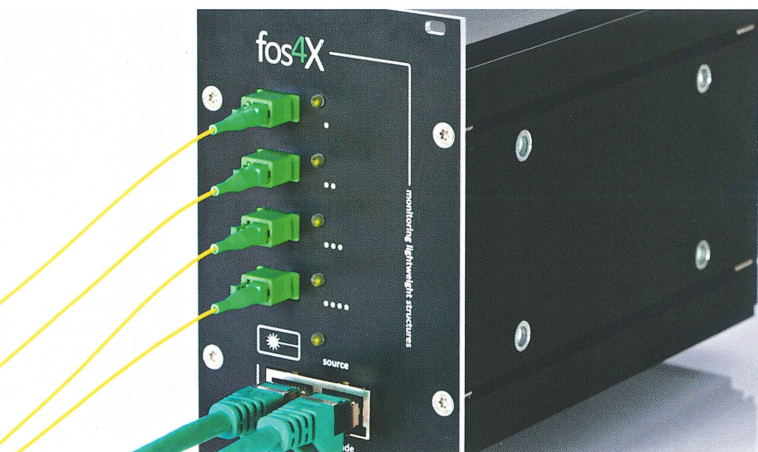
- Usable as microphone or pressure sensor
- No influence of electromagnetic noise
- Fibre lengths up to 1000 m
- Completely closed surface
- Channel Synchronization via GPS time
- Very robust



Flush mounted surface pressure sensor

Feature	Value
Shape	Cuboid or Cylindrical
Pressure range	$\pm 0,2$ bar diff, to 1000 bar abs
Lin. Deviation.	$< \pm 0,25\%$
Natural Frequency	$> 200$ kHz
max Temperature	100 °C ( $> 300$ °C possible)

The sensors are developed together with fos4X at a rapid pace. Contact us for current specs.



fos4Test dyn DAQ simultaneous sampling up to 50 kHz

## Our solutions and capabilities

- Multi-hole probes
- Temperature probes
- Probe rakes
- Your custom design
- Fibre-optic pressure sensors
- Calibration of any flow probe
- Software for data analysis
- Measurement Systems

Challenge us now!