SIGNAL CONDITIONERS

Opsens Solutions readout units are compatible with all WLPI sensors. Through the same interface, the unit can provide temperature, pressure, strain, position, or displacement measurements to offer maximum versatility.



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OEM CARD

MULTI-CHANNEL

of outputs: analog, RS-232

and RS-485.

Robust and capable of grouping

different sensor type, these ruggedized

signal conditioners offer a broad variety

OEM-type signal conditioner that offers a product designed for specific needs. Its compact size and modular assembly give OEM's the best in design flexibility.



MODULAR PLATFORM

For dynamic testing or large scale monitoring project, the modular design offers scalable sampling rate up to 1000 Hz. These advanced data acquisition systems can support thousands of sensors through a single interface.

HANDHELD UNIT

Ruggedized to provide good mechanical protection against intensive handling in tough environments. These single channel devices are compact and offer maximum portability with battery powered function.

OUTSTANDING FIBER OPTIC SENSING SOLUTIONS FOR NUCLEAR INDUSTRY

KEY FEATURES

- Excellent radiation resistance
- PLUG and FORGET: No maintenance required and no drift overtime
- Immunity to EMI (tested up to 8 Tesla)
- Temperature range from cryogenic to 300 °C
- Highly versatile (temperature pressure displacement strain)

• Miniature and light weight

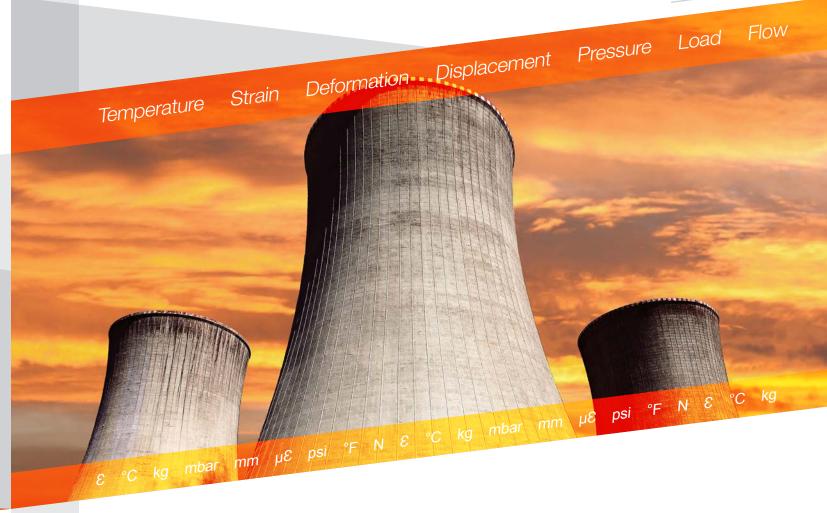
TO KNOW MORE

+1.418.682.9996 info-solutions@opsens.com opsens-solutions.com

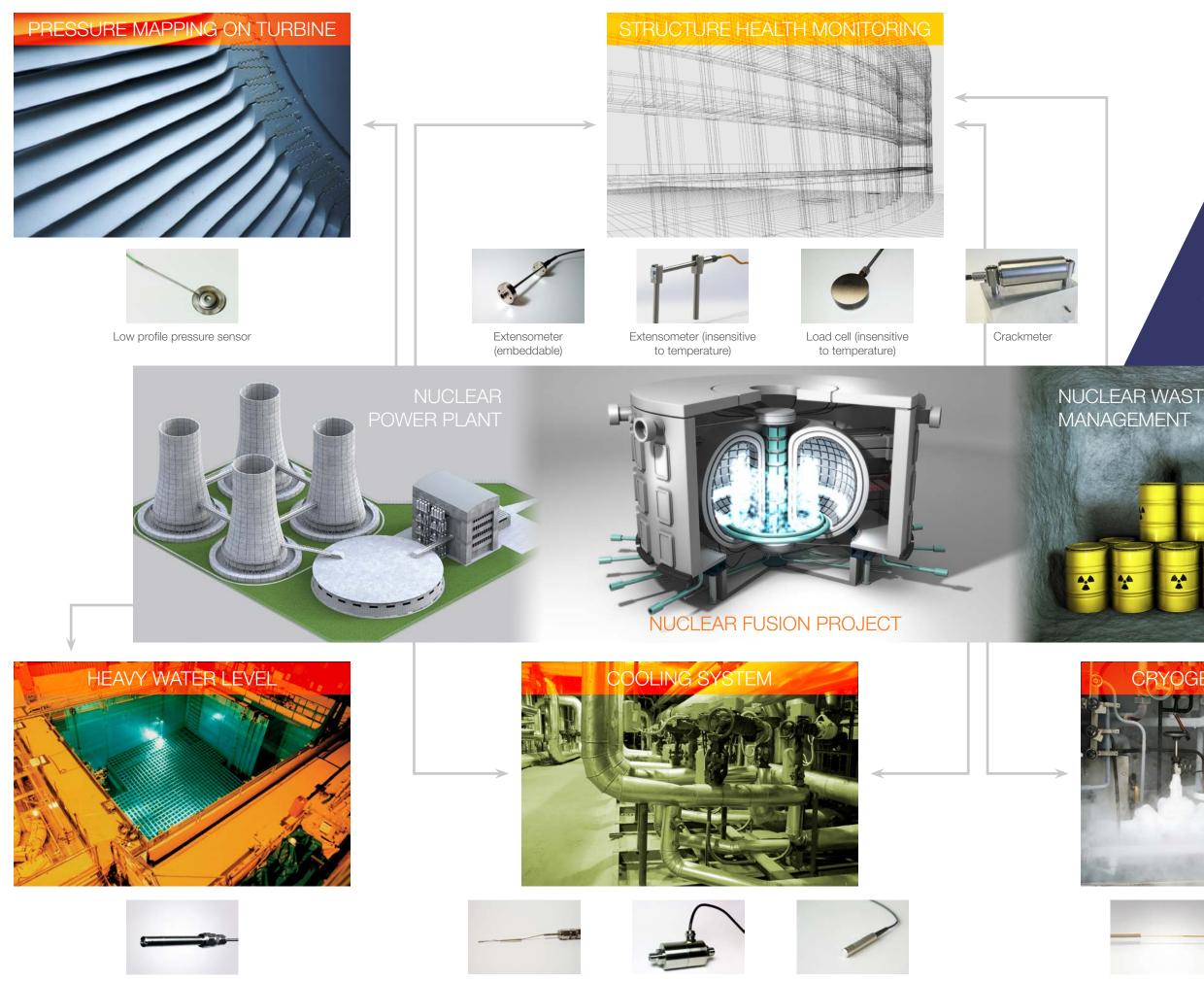


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FIBER OPTIC SENSORS MEETING THE SENSING CHALLENGES IN THE NUCLEAR INDUSTRY



Enlightenment through smart measurements



Pressure sensor

Spot weldable strain sensor

Differential pressure sensor

Absolute pressure sensor

KEY FEATURES

- Excellent radiation resistance
- Immunity to EMI (tested up to 8 Tesla)
- Temperature range from cryogenic to 300 °C
- Embeddable in concrete
- PLUG and FORGET: No maintenance required and no drift overtime
- Miniature and light weight









Strain sensor

Temperature sensor