

TECHNICAL DATA SHEET – OIL PRESSURE SENSOR

1. General Description

The sensor is a high-precision component designed for critical monitoring of the lubrication system in engines and generator sets. Unlike standard sensors, this model features dual functionality, allowing both continuous pressure reading and activation of a safety alarm.

2. Technical Specifications

Features	Detail
Manufacturer	FAE
Sensor Type	Dual function (Measurement + Alarm)
Thread Size	M14 x 1,5
Body Diameter	72,5 mm
Overall Length	47,5 mm

3. Key Features

- **Real-Time Measurement:** Provides continuous engine oil pressure readings for precise performance monitoring.
- **Integrated Alarm System:** Sends an immediate warning signal if engine pressure drops below or rises above safe operating levels.
- **Versatility:** Compatible with all types of internal combustion engines and electrical generators.

4. Applications and Operation

This sensor is especially useful in generator sets, where constant monitoring is critical to prevent catastrophic failures. Its operating principle is based on converting the physical pressure of the lubricant into an electrical signal that can be interpreted by the instrument panel or the control unit (ECU).

Safety Note: A correct oil level is essential, but this sensor specifically focuses on oil pressure, ensuring that the lubricant is circulating with sufficient force to properly protect the engine’s internal components.

5. Support and Maintenance

To ensure proper operation of your sensor:

- Verify the tightness of the M14x1.5 thread during installation.
- If you require specific electrical or mechanical testing procedures, please contact our team of experts directly for personalized technical assistance.



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