

## LH-159

### 特点和用途:

快速接口优良的电磁兼容性,抗振动冲击 与仪表盘良好匹配,低压报警,通过**TS16949**认证,高可靠、中价位

#### Features & Applications:

**Fast Interface, Excellent electromagnetic compatibility,  
Anti-vibration impact, A good match with the indicator,  
Low Alarm, Certified by TS16949, High stability and favorable price.**

量程/Capacity : 0.5, 1, 2, 5, 10, 20, 30, 50, 60, 100 Mpa



### 应用

电子式汽车机油压力传感器是机械式机油压力传感器升级换代产品，也是欧3、欧4排放标准必须采取的技术措施，欧3、欧4排放标准要求将机油压力信号传送至**ECU**以控制发动机转速。因此，检测和控制发动机润滑系统的机油压力，是确保高速运转状态下降低发动机温升、提高动力扭矩、降低油耗和废气排放的重要手段。

近年来，各国在总结电子式汽车机油压力传感器开发基础上，得出各种硅压阻式及金属箔式压力传感器都不能满足电子式汽车机油压力传感器要求，旨在开发可靠性和性价比高的压阻式陶瓷压力传感器是业界的共识。

**PT211B**电子式机油压力传感器采用了**HB2018**压阻式一体化陶瓷压力传感器、信号处理电路由德国进口的专用芯片（**ASIC**），结构上经计算机优化设计，确保了产品可靠性。

### Application

Electric engine oil pressure transducer is the updating product of mechanical engine oil pressure transducer. It is also the necessary technical adoption for European Union (Phase III&IV) Emissions Standards which requires the engine oil signal to be sent to ECU in order to control the rotate speed of engine. Therefore , testing and controlling the oil of engine lubricative system is a significant safeguard to lower temperature of engine, improve drive torque, decrease oil consumption and exhaust emission under the high-speed running of engine. In recent years, on the basis of concluding the research and development of electric engine oil pressure transducer, many countries realize that both silicon resistance and foil resistance can not fulfill the demand of production and come to a common understanding of developing the ceramic sensor with high reliability and price-performance ratio.

**PT211/PT211B** Electric engine oil pressure transducer adopts **HB2018** Incorporate Ceramic Sensor and German specific chip (**ASIC**) for signal transformation circuit. Computer designed construction, high reliability