Automotive Sensors

APPLICATION	KULITE P/N	KULITE P/N
Aerodynamics	LQ-062 XCQ-062 XCL-072 LQ-080 XCQ-080 XCQ-093	XCL-100 LQ-125 LQ-DC-125 XCQ-152 EC-2DC LLE-5DC
Air Bag Systems	XTL-123B-190(M) XTL-123C-190(M)	HKM-375(M) ETM-375(M)
Airspeed	ET-2DC-312(M) ET-3DC-312(M)	ET-10DC-312(M)
Brake Pressure/ AntiLock Brake System Testing	XTL-123B-190(M) XTL-142B-190(M) HKL-235(M) HKM-312(M) HKM-375(M) HKM-113-375(M)	ETL-76A-190(M) ETL-173-190(M) ETM-634-312(M) ETM-634-375(M) ETM-375(M) ETM-500-312(M) ETM-500-375(M) ETQ-12-500
Coolant and Oil Pressure	XTL-123B-190(M) HKL-235(M) HKL-312(M) HKL-375(M) HKL-113-375(M) HFL-475	ETL-312(M) ETL-375(M) ETLR-634-312(M) ETL-500-312(M) ETL-500-375(M) EFL-475
Coolant and Oil Pressure and Temperature	HKL/T-235(M) HKL/T-312(M) HKL/T-375-375(M) HFL/T-475 EPTS-X-375(M)	ETL/T-312(M) ETL/T-375(M) ETLR/T-634-375(M) EFL/T-475 ETL/T-500-312(M) ETL/T-500-375(M)

APPLICATION	KULITE P/N	KULITE P/N
Dynamometer	ETM-375(M) ETQ-12-375(M)	DCT-750 DCT-1000 IPTE-1000
Exhaust	XTEH-7L-190(M) XTEH-10L-190(M)	EWCT-312(M) EXTS-312(M)
Fuel Pressure	XTL-123B-190(M) XTL-173-190(M) HKM-375(M)	ETM-375(M) ETM-634-312(M) ETM-634-375(M)
Hydraulics	ETM-610-312(M) ETM-614-312(M) ETM-621-312(M) ETM-634-312(M) ETM-634-375(M)	ETL/ETM-500-312(M) ETL/ETM-500-375(M) HKM-375(M) HEM-375(M) ETM-375(M)
In Cylinder Pressure Measurement	XTEL-CS-190(M) ETL-CS-190(M)	EWCT-312(M)
Intake Manifold	ETL-184-190(M) ETL-6-312(M) ET-5DC-312(M) LQ-062 LQ-080 LQ-125 LQ-DC-125	XCL-072 XCL-080 XCL-100 XCL-140 XTL-123B-190(M)
Steering System Pressure	XTL-123B-190(M) XTL-123C-190(M)	XTL-139F-190(M) XTL-142B-190(M)
Temperature	ETS-X-312(M) ETS-X-375(M)	PTS-X-235(M) TTS-X-312(M)
Transmission Testing	XTL-140 XTL-123B-190(M) XTL-123C-190(M)	XTL-140B-190(M) XTL-140C-190(M)

Kulite Automotive Pressure Sensors

The most versatile sensors manufactured in the world

Kulite Semiconductor Products, Inc. is the leading name worldwide in the transducer industry. Kulite is the first name in pressure transducers for the automotive engineer and scientist working at the cutting edge of research and design in their fields.

The piezoresistive silicon sensor is the heart of the Kulite pressure transducer. It has evolved over the years to the dielectrically isolated silicon on silicon technology in use today. The newest generation of sensors, referred to as the ***Leadless Sensor****, allows the engineer to test in environments in which testing was not possible in the past - environments of high vibration, high acceleration and high temperature.*

The prime features are:

- *High accuracy*
- *High frequency response*
- *Excellent long term stability*
- *Excellent repeatability*
- *Negligible non-linearity and hysteresis*
- *Accuracy < 0.1%*
- *Media compatibility*
- *Environmentally protected*
- *Custom design, compact, light weight, ruggedized*

Kulite has demonstrated for over 50 years that the design and construction of its solid state technology, and the dedication of its engineers provide a superior product, with high reliability for the automotive and aerospace industry.