

# Automotive Pressure Sensors

APPLICATION	KULITE P/N	KULITE P/N	APPLICATION	KULITE P/N	KULITE P/N
<b>Aerodynamics</b>	LQ-062	XCL-100	<b>Exhaust System Testing</b>	XTEH-7L-190(M)	WCT-250
	XCQ-062	LQ-125		XTEH-10L-190(M)	WCT-312
	XCL-072	LQ-DC-125	<b>Fuel Pressure</b>	XTL-123B-190(M)	ETM-624-375(M)
	LQ-080	XCQ-152		XTL-173-190(M)	ETM-375(M)
	XCQ-080	EC-2DC		ETM-624-312(M)	HKM-375(M)
XCQ-093					
<b>Air Bag Systems</b>	XTL-123B-190(M)	HKM-375(M)	<b>Hydraulics System</b>	ETM-610-312(M)	ETM-624-375(M)
	XTL-123C-190(M)	ETM-375(M)		ETM-614-312(M)	HKM-375(M)
<b>Airspeed</b>	ET-2DC-312(M)	ET-10DC-312(M)		ETM-621-312(M)	HEM-375(M)
	ET-3DC-312(M)			ETM-624-312(M)	ETM-375(M)
<b>Brake Pressure/ AntiLock Brake System Testing</b>	XTL-123B-190(M)	ETM-614-312(M)	<b>In Cylinder Pressure Measurement</b>	XTEL-CS-190(M)	WCT-250
	XTL-142B-190(M)	ETM-621-312(M)		ETL-CS-190(M)	WCT-312
	ETL-173-190(M)	ETM-624-312(M)	<b>Intake Manifold</b>	LQ-062	LQ-DC-125
	ETL-76A-190(M)	ETM-624-375(M)		XCL-072	XCL-140
	HKM-113-375(M)	ETM-375(M)		LQ-080	XTL-123B-190(M)
	HKM-375(M)	ETQ-12-500		XCL-080	ET-5DC-312
ETM-610-312(M)		XCL-100	ETL-6-312		
		LQ-125			
<b>Coolant Pressure</b>	XTL-123B-190(M)	ETLR-623-312(M)	<b>Oil Pressure and Temperature</b>	ETL-2T-312(M)	EFL-475
	HKM-375(M)	ETL-624-312(M)		ETL-1T-375(M)	HFL/T-475
	HKM-113-375(M)	ETM-624-312(M)		HKM-1T-375(M)	
	ETM-610-312(M)	ETL-624-375(M)	<b>Steering System Pressure</b>	XTL-123B-190(M)	XTL-139F-190(M)
	ETM-614-312(M)	ETM-624-375(M)		XTL-123C-190(M)	XTL-142B-190(M)
ETM-621-312(M)	ETM-375(M)				
<b>Coolant Pressure and Temperature</b>	ETL-2T-312(M)	ETLR/T-624-375(M)	<b>Transmission Testing</b>	XTL-140	XTL-140B-190(M)
	HKL-1T-375(M)	EFL-475		XTL-123B-190(M)	XTL-140C-190(M)
	ETL-1T-375(M)	HFL/T-475		XTL-123C-190(M)	
<b>Dynamometer</b>	ETM-375	DCT-1000			
	ETQ-12-375(M)	IPTE-1000			
<b>Engine Oil Pressure</b>	ETM-610-312(M)	ETM-624-375(M)			
	ETM-614-312(M)	HKM-375(M)			
	ETM-621-312(M)	HEM-375(M)			
	ETM-624-312(M)	ETM-375(M)			
	ETM-370-312(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
- Customized design, compact, light weight, ruggedized

Kulite has demonstrated for the past 45 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.