



**Engine Combustion Pressure Sensor (Product Code: R&DU11)**



**Features**

- Extensive range of Experiments
- Comprehensive teaching manual
- One year warranty
- Esthetically designed and finished Rig.
- High Quality instrumentation

**Technical Specification**

Pressure range		bar	0...100
Make	Cityzen		
Type	Piezoelectric		
Cooling	Air Cooled		
Calibration at 200 °C		bar	0...100
Sensitivity ( $\pm 0.5\%$ )		mV/bar	25
Frequency range (-3)		Hz	0,016...20'000
Linearity		%FSO	$\leq \pm 1$
Shock		g	2000
Operating temperature range	mounting location	°C	-50...300
	Viton cable connection max.	°C	200
	short overload <1 h	°C	240
	electronics	°C	-10...110
Sensitivity shift	200 $\pm$ 150 °C	%	$\leq \pm 2,5$
	200 $\pm$ 50 °C	%	$\leq \pm 1$