





Cooled Pressure Transducers - Overview

Types	Main Specifications				
	Measurement Range (bar) (psi)/(MPa)	Sensitivity nominal (pC/bar)/(pC/psi) (pC/MPa)	Cyclic Temperature Drift (bar)	Load Change Drift – max. zero-line-grad. (mbar/ms)	IMEP-Stability (%)
QH33D  <p>M10 Sensor for Heavy Duty application, e.g. Diesel-, Gas engines. Monitoring at endurance tests.</p>	0...250 3625/25 0...270 3915/27*	17/1.17/170	< ± 0.6/0.4*	8.0	< 1.5/1.*
QC33C  <p>Ø10 Most accurate sensor for combustion R&D indicating. Approved installation / handling of plug-in sensor.</p>	0...200 2900/20	28/1.93/280	< ± 0.25/0.2*	2.5	< 1.5/1*
QH33C  <p>Ø10 Sensor for Heavy Duty application, e.g. Diesel-, Gas engines. Monitoring at endurance tests. Approved installation / handling of plug-in sensor.</p>	0...250 3625/25 0...270 3915/27*	17/1.17/170	< ± 0.6/0.4*	8.0	< 1.5/1*
QC43D  <p>M14 Sensor for high accurate combustion R&D. Ideal for low pressure measurement due to highest charge output.</p>	0...200 2900/20	68/4.69/680	< ± 0.35/0.2*	4.0	< 1.5/1*

*) pressure transducers with these specifications available at extra charge