Spec Sheet

Mechanical Specifications

System Parameter	Description		
Sensor Type:	OTS MEMS absolute pressure sensor die		
Full-Scale Range, FSR:	26 - 126 kPa		
Minimum Detection Level:	1/40960 kPa		
Mounting Requirements *Customer-mounted, molded onto surface, etc.*	Reusable low tack adhesive		
Interconnections *Connector type, cable length, etc.*	Board to board connection to flex interconnect to PPS U400 (1.5 m) BLE5 wireless communication + USB receiver dongle		
Number of Elements	12		
Sensor Width	10 mm		
Sensor Thickness	1.4 mm		
Sensor Length	400 mm	344 mm	213 mm
Sensor Element Pitch *Distance between two active elements*	25 mm	20 mm	8 mm

Electronics, Software Specifications

System Parameter	Description
Scan Rate:	Low noise mode: 75 Hz High sample rate mode (the noise increased by a factor of 4): 200 Hz
Software Requirements *Special display or other needs beyond standard Chameleon TVR*	PPS Chameleon Software. Chameleon API DLL
Calibration Method *Means PPS will use to calibrate the sensor, plus any particular needs for calibration*	Not required - factory calibrated and temperature compensated sensors

