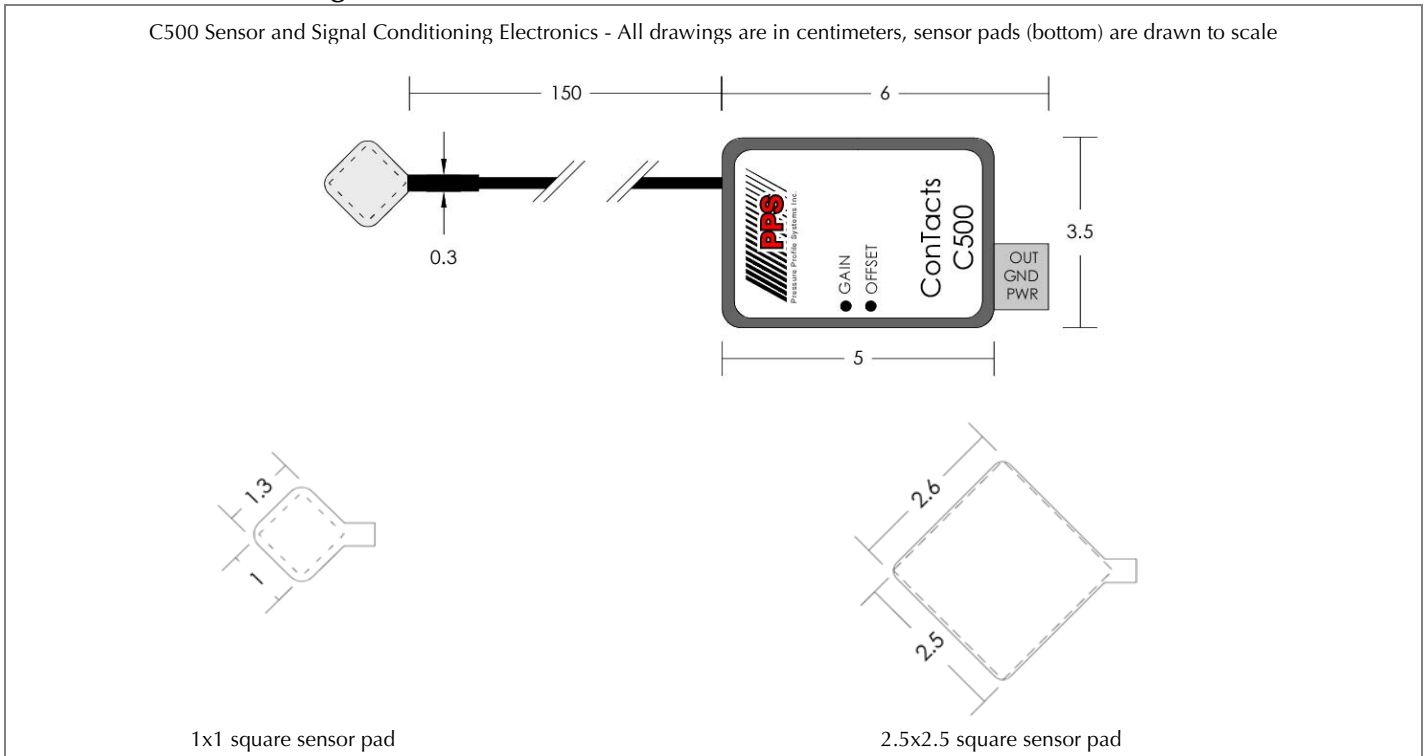


ConTacts C500: Single-Point Tactile Sensor



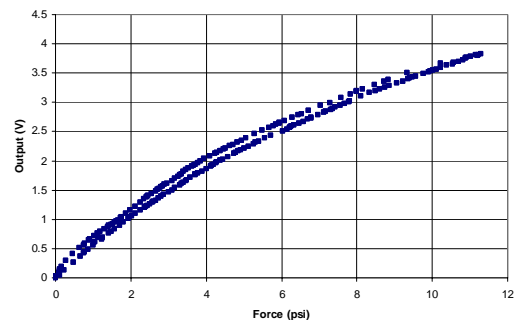
PPS ConTacts Tactile Sensors

PPS's Tactile Sensors use capacitive-based conformable pressure sensors to accurately and reliably quantify applied forces. Analog voltage output is compatible with any data acquisition system. For a complete turnkey solution, we also offer a full system (see part number 2119 below).

Sensor Shape & Sizes: 1x1 cm square pad & 2.5x2.5 cm square pad

ConTacts Full System: USB DAQ module, Chameleon visualization & acquisition software, Hi-res USB video camera, wiring harness and 2 standard sensors (same type).

Specifications:	Sample Sensor Data – Not including bias voltages
Sensor Thickness	0.6 - 1.1 mm
Available Pressure Range	0-2000 psi (0-14000 kPa)
Standard Configurations	0-5, 0-10, 0-50, and 0-100psi
Temperature Range:	-20 to +200 C
Sensitivity	200:1
Non-Repeatability	< 2%
Response Bandwidth:	2 kHz
Electronics Output	0-5 VDC
Calibration	Calibration Data Provided



Contact PPS for academic and bulk discounts.