



**GENERAL**

Product	<b>Thin-Film Temp &amp; Pressure Sensor</b>
Model	<b>GRIDENCE TPS-210</b>
Construction	<b>Flexible thin-film laminate</b>
Connection	<b>Edge-card tab (DDR-compatible)</b>

**PRESSURE ARRAY**

Column pitch / count	<b>2.55 mm × 80</b>
Row pitch / count	<b>1.25 mm × 80</b>
Total sensing points	<b>6,400</b>
Point density	<b>32 points / cm<sup>2</sup></b>

**COMPATIBILITY & SUPPORT**

Acquisition unit	<b>GRIDENCE DAQ-100</b>
Warranty	<b>12-month limited warranty</b>

**SENSING AREA**

Sensor frame (L × W)	<b>212 × 110 mm (8.3 × 4.3 in)</b>
Active array (W × L)	<b>100 × 200 mm (3.9 × 7.9 in)</b>
Lead length	<b>800 mm (31.5 in)</b>
Tab width	<b>40 mm (1.6 in)</b>

**TEMPERATURE SENSING**

Temperature channels	<b>15</b>
Sensing element size	<b>≤ 15 mm</b>

**PERFORMANCE**

Pressure ranges	<b>500 / 1,500 / 3,500 PSI</b>
Operating temperature	<b>-40 °F to 302 °F (-40 to 150 °C)</b>

Compliance and certification documentation available upon request.