

**Tect Electronics**

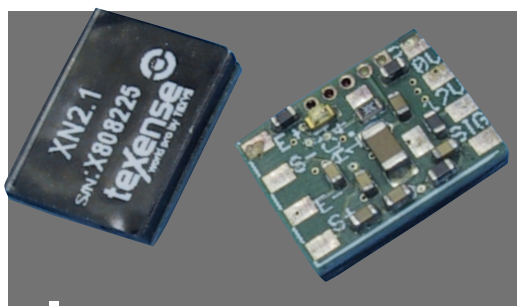
The authorized distributor in the Greater China Region



## STRAIN GAUGE BONDING + AMPLIFIERS

Pushrods, gear levers, steering column, ...  
 Full bridge traction-compression, flexion or torsion strain gauges  
 Temperature compensated from 0 to 100°C  
 Rigid Shrinkable sleeve protected  
 Offset adjustable  
 Amplifiers (also available as separate part)  
 Gain adjustable from 70 to 1250  
 Supply voltage from 5 to 16 volts  
 Offset adjustable 0.5 to 2.5 volts  
 Output signal 0 to 5 volts  
 PCB amp : 13 x 10 x 3.6 mm

### Amplifier specifications :



<b>Supply Voltage</b>	5 to 16 Volts
<b>Supply current (amplifier only) Max (with 350 ohms strain gauge bridge)</b>	3.5 mA 18 mA
<b>Strain gauge excitation voltage</b>	5V
<b>Strain gauge arrangement</b>	Full Half or Quater Bridge
<b>Output signal (offset 0.5V or 2.5V)</b>	0.5V to 5V
<b>Offset error</b>	15 mV
<b>Offset drift (10 to 80°C)</b>	10 mV
<b>Gain error</b>	0.12 %
<b>Gain drift (10 to 80°C)</b>	0.20 %

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