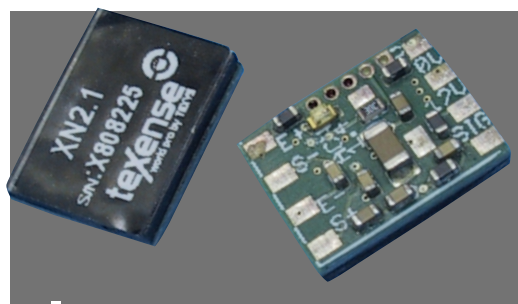




STRAIN GAUGE BONDING + AMPLIFIERS

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 :

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