KSI84 – A New Series of 4-20 mA Vibration Sensors
4-20 mA Vibration Transducers

- Widely used in the industry for condition monitoring and production control
- Simple interface to PLCs and other control equipment
Metra’s New KSI84 Series

- Precise piezoelectric sensing element (no MEMS)
- Microcontroller-based design
- Frequency and amplitude range programmed in production
KSI84 Family of 4-20 mA Transducers

Unique Choice: More than 250 Versions

- Models for acceleration, velocity and displacement
- RMS or peak output
- Selection tool at www.mmf.de
Type Codes

KSI84A models measure **Acceleration**

KSI84V models measure **Velocity**

KSI84D models measure **Displacement** (always peak-peak)

KSI84AR and KSI84VR models measure **RMS**

KSI84AP and KSI84VP models measure **peak**

KSI84xx-**1** -**3** -**10** -**30** -**100** -**1k** high pass frequencies in Hz

KSI84xx-hp-**100** -**300** -**1k** -**5k** -**10k** low pass frequencies in Hz

KSI84xx-hp-lp-**10** -**12** -**20** -**25** -**40** -**50** -**100** -**500** amplitude in m/s², mm/s or mm
KSI84 Family of 4-20 mA Transducers

Rugged Industrial Design
- Double shielding against EMI
- Isolated against ground loops
- IP68 protection grade
- Practical M12 connectors
- M8 mounting
KSI84 Family of 4-20 mA Transducers

Your Advantage

More than 250 different models in stock
Get the sensor that is most suited for your application