

# Multi-Component Sensors

## Skid Steer Tri-axial [ 70060 ]

This is a high capacity tri-axial sensor used to measure the performance of a skid steer utility vehicle. High extraneous load handling capabilities.



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### SPECIFICATIONS

Capacities.....  $F_x=F_z=20000\text{lbs}$ ,  $F_y=10000\text{lbs}$   
Overload capacity..... 150% of F.S.  
Output at F.S.....  $F_x=F_z=1.5\text{mV/V}$ ,  $F_y=2.0\text{ mV/V}$  nominal  
Non-linearity..... 1.0% of F.S.  
Hysteresis..... 1.0% of F.S.  
Zero balance..... 1% of F.S.  
Crosstalk % of F.S. ....< 5%  
Useable temperature..... -65 to +250°F  
Temperature effect on zero..... 0.002% of F.S./°F  
Temperature effect on span..... 0.002% of Rdg./°F  
Bridge resistance..... 350 Ohms  
Excitation voltage, maximum..... 15 Vdc  
Material ..... AISI 4140