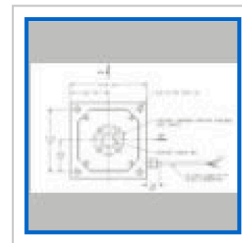


# Multi-Component Sensors

## Low Capacity Tri-axial [ 70054 ]

This tri-axial component load cell was original designed to measure the three force components of a wiper motor used on passenger vehicle. Adaptable to many different applications requiring the measurement of low capacities in a small package size.



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### SPECIFICATIONS

Capacity.....	Fx=Fy=Fz=80lbs
Overload capacity.....	150% of F.S.
Output at full scale load .....	2mV/V
Non-linearity.....	0.25% of F.S.
Hysteresis.....	0.25% of F.S.
Zero balance.....	1% of F.S.
Compensated temperature.....	70 to 170°F
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.....	700/350 Ohms
Excitation voltage, maximum.....	20 Vdc
Material.....	AISI 4140