

# HOLLOW PANCAKE LOAD CELL

The 10043 hollow force sensor is designed to measure compression only loads. The 10019 is designed to measure tension and compression loads.

These versatile, high precision sensors are used in both metal working and automotive applications. Because of their design, they are ideal in limited or tight space applications.



## FEATURES

- For compression or tension loads
- Capacities from 5,000 - 165,000 lbs
- Temperature compensated
- Aluminum or alloy steel

## SPECIFICATION

PARAMETER	RANGE
Overload capacity (%)	150 of F.S.
Output at full scale (mV/V)	10019: 1.0 10043: 1.5
Non-linearity (%)	0.25 of FS
Hysteresis (%)	0.25 of FS
Zero balance (%)	1 of FS
Compensated temperature (°F)	70 to 170
Useable temperature (°F)	-65 to +250
Temperature effect on zero (%)	0.002 of FS/°F
Temperature effect on span (%)	0.002 of Rdg./°F
Bridge resistance (Ohms)	700/350
Excitation voltage, maximum (Vdc)	20
Material	10019: Aluminum 10043: Alloy steel

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