

Sensor Model: 30E12S4
Body Load Rating: 130L400

I. Overload Capabilities:

All overload values are for no damage, no re-calibration required.

- Single Axis Loading:

Axis	Max. Load	Max. Load (% Full Scale)
F _x	850 lb	660
F _y	850 lb	660
F _z	3200 lb	1230
M _x	1900 in-lb	475
M _y	1900 in-lb	475
M _z	1600 in-lb	400

- Combined Loading:

Both equations must be satisfied at all times.

$$F_x/850 + F_y/1300 + F_z/3200 + M_x/1900 + M_z/1600 \leq 1$$

$$F_x/1300 + F_y/850 + F_z/3200 + M_y/1900 + M_z/1600 \leq 1$$

II. Approximate Stiffnesses:

Axis	Stiffness
T _{x,y}	0.135e6 lb/in
T _z	1.48e6 lb/in
R _{x,y}	1.10e6 in-lb/rad
R _z	0.313e6 in-lb/rad