

Sensor Model: 75E20S
Body Load Rating: 250L1875

Overload Capabilities:

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

- Single Axis Loading:

Axis	Max. Load (lb, in-lb)	Max. Load (% Full Scale)
F _x	1500 lb	440
F _y	1500 lb	440
F _z	5800 lb	900
M _x	9500 in-lb	380
M _y	9500 in-lb	380
M _z	8600 in-lb	300

- Combined Loading:
Both equations must be satisfied at all times.

$$F_x/1500 + F_y/2700 + F_z/5800 + M_x/9500 + M_z/8600 \leq 1$$

$$F_x/2700 + F_y/1500 + F_z/5800 + M_y/9500 + M_z/8600 \leq 1$$

Approximate Stiffnesses:

Axis	Stiffness
F _{x,y}	0.29e6 lb/in
F _z	3.1e6 lb/in
M _{x,y}	17e6 in-lb/rad
M _z	5.4e6 in-lb/rad