



237 Dunbar Court, Oldsmar, FL 34677  
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## LOAD CELL WIRING GUIDE

Manufacturer	+Output	-Output	+Excitation	-Excitation	Shield	+Sense	-Sense
A & D Engineering	Green	Blue	Red	White	Yellow		
Allegheny	White	Red	Green	Black	Bare		
Alphatron	Green	White	Red	Black	Bare		
BLH	White	Red	Green	Black	Yellow		
Beowulf	White	Red	Green	Black	Bare		
Cardinal	White	Red	Green	Black	Bare		
Coti	White	Red	Green	Black	Orange		
Digi	Green	Yellow	Red	White	Silver		
Electroscale	Green	White	Red	Black	Bare		
Evergreen	White	Red	Green	Black	Bare		
General Sensor	Green	White	Red	Black	Bare		
Genisco	Green	White	Red	Black	Bare		
HBM	White	Red	Green	Black	Yellow		
HBM(PLC,LPX)	Green	White	Red	Black	Yellow		
Huntleigh	Red	White	Green	Blue	Blue	Yellow	Bare
Interface	Green	White	Red	Black	Bare		
Kubota	Green	Blue	Red	White	Yellow		
Labow	Green	White	Red	Black	Bare		
NCI	White	Green	Red	Black	Bare	Yellow	Blue
National	White	Red	Green	Black	Yellow		
Nikkei	Green	White	Red	Black	Bare		
Ormond	Green	White	Red	Black	Bare		
Phillips	Green	Gray	Red	Blue	Bare		
Revere	White	Red	Green	Black	Orange		
Sensortronics	Green	White	Red	Black	Bare		
Sensortronics (60007)	White	Red	Green	Black	Yellow		
Strainsert	Green	White	Red	Black	Bare		
TARE INC	Green	White	Red	Black	Bare		
Tedea	Red	White	Green	Black	Bare	Blue	Brown
Toledo	White	Red	Green	Yellow			
Transducers	Green	White	Red	Black	Orange		

### BASIC STANDARDS:

1. When an instrument displays weight in the wrong direction, interchange the (+) and the (-) output connections.
2. When connecting tension or compression load cells, connect the positive (+) output in the direction of the rated load.
3. When connecting universal tension/compression load cells, connect the positive (+) output in the direction of compression loading and negative output (-) in the direction of tension loading.
4. For calibration of bidirectional load cells, place the rated output in the direction of compression loading.