Drawing Number: F3175

CAUTIONS

THREADED LOAD CELL MOUNTING GUIDE AND APPLICATION NOTES

- 1) DO NOT PULL ON OR CARRY SENSOR BY CABLE.
- 2) BE CAREFUL NOT TO APPLY FORCE ON OR MOUNT WITH ANYTHING IN CONTACT OF THE DIAPHRAGM (L1650 up to 1000 lb ONLY).
- 3) ANY TAMPERING OR REMOVAL OF COVER, CABLE AND/OR CONNECTOR WILL VOID WARRANTY.
- 4) ALWAYS HAVE LOAD CELL PLUGGED IN DURING INSTALLATION.

FEMALE TO FEMALE

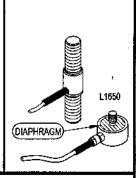


4

FEMALE TO MALE

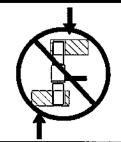


MALE TO MALE



MOUNTING

LOAD MUST BE EVEN, CENTERED AND IN LINE



TENSION LOADING MUST BE IN LINE WHEN COMPENSATING LINKAGES ARE NOT USED



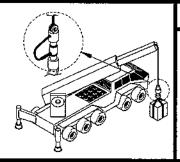
3 LOAD MUST BE FLAT AND PARALLEL WHEN COMPENSATING LINKAGES ARE NOT USED



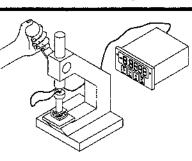
 AVOID OR MINIMIZE **TORQUE DURING** INSTALLATION



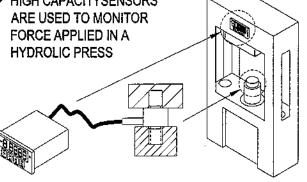
5 HIGH CAPACITY SENSOR COULD BE USED TO MONITOR WEIGHT FOR CRANES



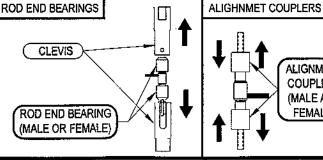
6 SENSOR MAY BE USED TO MONITOR **FORCES** IN AN ARBOR **PRESS**



7 HIGH CAPACITYSENSORS ARE USED TO MONITOR FORCE APPLIED IN A HYDROLIC PRESS



 ROD END BEARINGS WITH CLEVISES OR ALIGNMENT COUPLERS MAY BE USED TO MAKE UP FOR MISALIGNMENT



INTERNET: http://www.futek.com

ALIGNMENT COUPLERS (MALE AND

FEMALE)



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