# Drawing Number: F3194

#### **CAUTIONS**

## FLANGE TO FLANGE, FLANGE TO SQUARE DRIVE, SHAFT TO SHAFT REACTION TORQUE SENSOR MOUNTING GUIDE AND APPLICATION NOTES

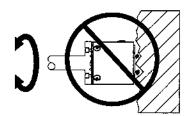
- 1) DO NOT PULL ON OR CARRY TORQUE SENSOR BY CABLE.
- 2) ANY TAMPERING OR REMOVAL OF COVER CABLE/ CONNECTOR OR OVERLOAD STOP WILL VOID WARRANTY.
- ALWAYS HAVE SENSOR PLUGGED IN DURING INSTALLATION TO MONITOR OUTPUT TO AVOID PERMANENT ZERO SHIFT AND OVER LOAD.

### FLANGE TO FLANGE FLANGE TO SQUARE DRIVE T5410 SHAFT TO SHAFT OEM TYPE T5102 EXPOSED **ELEMENTS**

#### **MOUNTING**

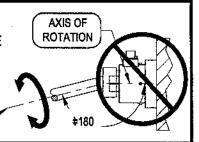


 FLAT AND CLEAN SURFACE REQUIRED



2 MAINTAIN INLINE TORQUE WHEN USED WITHOUT COUPLING OR FLEXIBLE JOINT

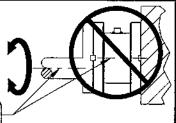
> AXIS OF ROTATION



3

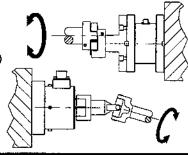
 MAINTAIN CONCENTRIC TORQUE WHEN USED WITHOUT COUPLING OR FLEXIBLE JOINT

> AXIS OF ROTATION



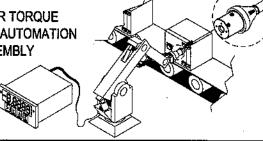
4

MINIMIZE ERROR DUE TO ECCENTRICITY AND **MISALIGNMENT BY USING COUPLING** 



5

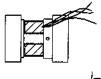
 MONITOR TORQUE **DURING AUTOMATION** OR ASSEMBLY

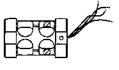


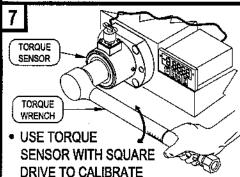
6

**OEM TYPE HAVE EXPOSED ELEMENTS** 



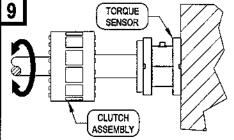






MOTOR GASKET TORQUE SENSOR

HARD MOUNT BEHIND MOTOR TO MONITOR REACTION TORQUE, USE **GASKET TO MINIMIZE VIBRATION** 



 USE CLUTCH ASSEMBLY TO TRANSLATE ROTATING TORQUE TO REACTION TORQUE SENSOR



MECHANICAL TORQUE WRENCH

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