



Technical Workshop:

Title: TWP 502 – Sensors for Motion Control Systems

Duration: 20 hours

Content:

1. Measurement device and transduction principle
2. Electrical loading effects and input-output impedance of measurement devices, as well as grounding and signal shielding to minimize noise are addressed as common problems in all measurement systems.
3. Wheatstone bridge circuit is described as one of the most commonly used electrical circuits in measurement systems as transduction element.
4. Sensors for motion (position, velocity, acceleration),
5. Sensors for force, torque, strain and pressure
6. Sensors temperature
7. Sensors for flow rate and humidity
8. Vision systems as "smart sensors"

Registration Information:

Dates:

Location:

Cost: \$1450.00 /person, 10% discount for each additional person from the same company.

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