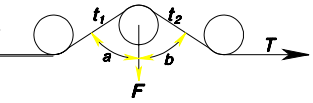


Dynamic Tension Measurement



Multi-Purpose Model MPMB-Series

These tension sensors can be ordered as 3-Roller and Single Roller instruments. They offer excellent accuracy and durability. Different roller diameters are installed on faceplate widths that vary from 5.0" to 13". A variety of standard rollers make them adaptable to many applications. Some of their uses include wire, cable, fibers, yarns, tubing, tapes, filaments, narrow webs and tow. See the MPMB-Series single and 3-roller drawings for dimensions.

VERSATILE TENSION SENSORS

MPMB-Series Single & 3-Roller Models

Filaments - Fibers - Tapes - Wire - Cable - Tow - etc.

Specifications:

Sensor Ranges: From 1 to 5,000 grams or 0 - 11 lbs.

Operating Temperature: -40° F to +180° F

Excitation Voltage Recommended: Regulated 5 - 10 VDC

Bridge Resistance: 350 ohm nominal

Output Signal: 1 mV/V full scale nominal

Resistance to Ground: Exceeding 500 Megohms

Accuracy (Total Error): .25% - .50% typ., not to exceed 1% error of the reading anywhere in the full-scale sensor range

Repeatability: .25% - .5% typ. anywhere in the full-scale range

Rollers: Variety of standard roller types offered, custom roller options also offered.

Shielded Cable: P.T.F.E. insulated, with braided shield. 10 ft. standard. Other lengths available.

Transducer Materials: Typically Hard Anodized Aluminum

Overload Protection: 100% Minimum of the full-scale range . Sensor housing provides physical overload protection.

**For Additional Information
Or to Place an Order
USA Tel: (303) 465-1011**