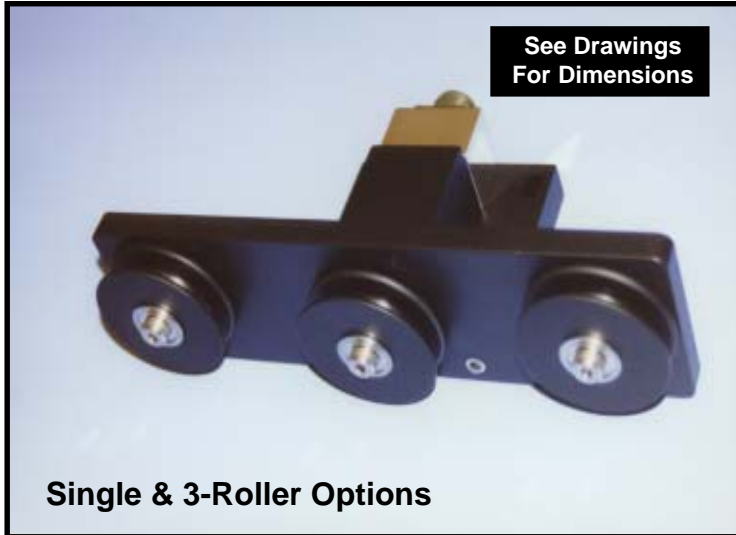
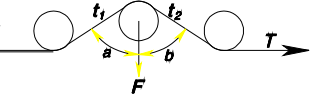


# Dynamic Tension Measurement



## Multipurpose Model MPH BX5-Series

These tension sensors offer excellent resolution and accuracy. Can be ordered with a single roller or with a 3-roller faceplate. Several standard faceplate widths offered from 6" to 12". A variety of standard rollers make them adaptable to many applications. Some of their uses include wire, cable, rope, chain, tow and narrow webs. Standard cable with circular mil. spec. connector assembly is included. Vacuum compatible and higher temperature options also available. For dimensions ask for MPH BX5-Series drawings. For other sensor options please call, fax or e-mail our offices.

## VERSATILE TENSION SENSORS

### MPH BX5-Series Base Mount Models

Wire - Cable - Rope - Chain - etc....

### Specifications:

**Sensor Ranges:** From 0 - 300 LB to 0 - 500 LB (Wrap angle dependent.)

**Operating Temperature:** -40° F to +180° F (Higher temp options available)

**Excitation Voltage Recommended:** Regulated 5 - 10 VDC

**Bridge Resistance:** 350 or 1000 ohm nominal

**Output Signal:** 1 mV/V full scale (FS) nominal

**Resistance to Ground:** Exceeding 500 Megohms

**Linearity:** Within 1% FS

**Accuracy (Total Error):** 1% FS

**Repeatability:** Within 0.25% - 1% FS typ.

**Rollers:** Variety of roller types offered, or your rollers installed where feasible.

**Shielded Cable Connector Assembly:** Braided shield. 10 ft. standard. Other lengths available.

**Sensor Housing Material:** Typically Black Hard Anodized Aluminum.

**Overload Protection:** 50% - 100%, Range and wrap angle dependent.

For Technical Information  
Or to Place an Order  
Call USA Tel (303)465-1011