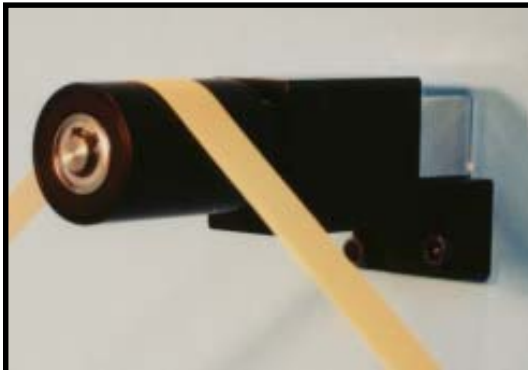
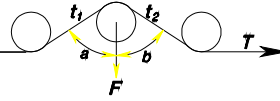


Tension Measurement



**MPC2-Sensor Body
With Rear Mounting Flange**



**MPCF2-Sensor Body
With Front Mounting Flange**

Multi-Purpose Sensors
The mounting flanges of these sensors allow several installation options.

See Drawings:
MPC2-Series
MPCF2-Series
MPC-INSTALL

VERSATILE TENSION SENSORS

MPC2 & MPCF2 Sensor Bodies

Cable - Narrow Webs - Tapes - Tow - Wire - Etc.

Specifications:

Sensor Ranges: From 0 - 15 LB up to 0 - 75 LB

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

Drift at Midpoint: 0.2%

Noise Level: Less than 0.2%

Linearity: 0.25% to 0.5% or better is typical anywhere in the full-scale range

Accuracy (total error): 0.25% - 0.5% anywhere in range is typ. not to exceed 1% of the reading

Repeatability: 0.25% - 0.5% typ.

Transducer Materials: Typically hard anodized aluminum

Rollers: A variety of standard rollers are offered for use on webs, tapes, tow, wire, cable, etc.

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

Cable leads have gold plated contact pins installed for easy termination and other connector options are also offered.

Overload Protection: 100% Minimum. Sensor housing provides physical overload stops for additional overload protection.

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