DOVER FLEXO ELECTRONICS, INC.

TENSION CONTROL AND INDICATION EQUIPMENT

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Tension Measurement, Display & Control Solutions
At booth E-9719

(ROCHESTER, NH, USA—November 9, 2008) Tension control manufacturer Dover Flexo Electronics (DFE), booth E-9719, introduces new web tension products at CPP Expo 2008:

The TI17C Tension Indicator amplifies the web tension signal from tension transducers to provide an isolated 0-to-10 VDC or 4-20 mA tension signal output to a PLC, drive, controller and/or to a meter display. Unit features ***Quik-Cal***™ push-button zero and calibration and a single, accessible terminal strip for fast, simple installation and setup.

Mounting choices include card (5.25 x 4.75”), bracket, open bracket, and full enclosure (pictured). The TI17 is CE-marked in enclosure. The TI18C operates on 24 VDC and is CE-marked in all versions. An optional Tension Limit Switch serves as an alarm trigger for web break prevention or critical tension alert. More info at http://www.dfe.com/products/ti17c_ti18c.html.

DFE’s STR Segmented Tension Roll transducer be will be shown in a system demonstration that displays separate tension readings from several roll segments along the same idler roll.

The STR transducer is a concept extension of DFE’s popular Tension Roll® Transducer, a robust dead-shaft idler roll with integrated tension sensors. Providing the capability to measure tension at multiple points along the same roll face, the Segmented Tension Roll represents a specialized use of tension measurement in a converting environment. Find out more at http://www.dfe.com/products/segmented_tension_roll.html.

The iAmp2™ Inline Tension Transducer Amplifier— an iPod-size device that boosts the low level tension signal input from a DFE tension transducer and puts out an isolated 0-to-10 Vdc web tension signal for use by a PLC, drive or other control electronics. Unit features choice of input/ output connection types and ***Quik-Cal*** push-button Zero and Calibration for fast setup. Terminal strip I/O is shown in picture. More info at http://www.dfe.com/products/iamp2.html.

Get full details at http://www.dfe.com/cpp08.html

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