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Multi-segmented Tension Roll[®] Transducer active demonstration at booth 114

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While the converting applications for an idler roll that can measure web tension at multiple points across its face may be specialized, they do exist. Dover Flexo Electronics, Inc has noted an increased interest in such applications from film converters as they employ more diligent quality inspection of incoming roll stock.

DFE's new **SR Segmented Tension Roll transducer** be will be shown in a system demonstration at CMM that displays separate tension readings from several roll segments along the same idler roll.



The SR Segmented Tension Roll is a concept extension of DFE's popular Tension Roll[®] Transducer, a patented, robust dead-shaft idler roll with integrated tension sensors in its roll ends.

The SR Segmented Tension Roll allows converters to measure tension on multiple individual web strands in a slitting and rewinding environment, or at multiple points across the width of a single web when converting or rewinding film. If identified early enough, minor gauge band variations across a substrate can sometimes be compensated for in process. By monitoring and controlling web tension slight defects in roll stock do not automatically translate into defective finished output.

Attendees are encouraged to visit the DFE booth (114) to see a personalized demonstration. Product information is also available from DFE at http://www.dfc.com/trn_seg-tr.html