unwinding from package to process

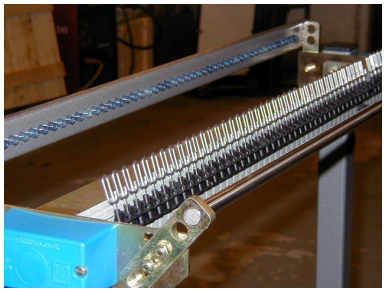
Specification

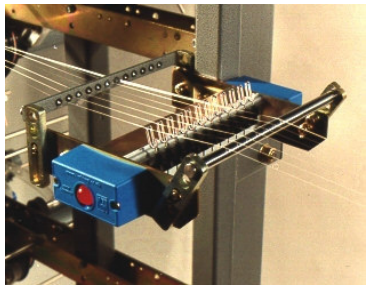
SM-D End Break Detection System – Dropper Type

The SM-D end break detection system is an electro-mechanical system used to detect end breaks across a sheet of running ends. The system can be placed at various points in the process and multiple banks can be inter-connected. When an end break occurs the dropper arm falls and interrupts an infra-red beam, triggering a signal to either stop the process or indicate to the operator that a break has occurred. This system has been specifically designed to operate in demanding textile and industrial fibre operations such as polytape beaming.

Typical Spacing Between Droppers	14 mm 10 mm
Features	Potted surface mount PCB and infra-red beam technology Bright LED indicators Optimum dust protection. Low maintenance and easy to clean. Carbon fibre reinforced droppers. Will work without additional control circuitry.
Options	Discriminator circuitry to identify which bank triggered the stop (control box required). De-bounce timer preventing false stops (control box required). Closed eyelet or quick thread guides. Input and exit guides or bars. Supporting framework and interconnecting wiring harness.
Supply Requirements	24v power supply
Outputs	Volt free contact – for connection into process machinery stop circuitry.

Specification can be varied to suit any requirement





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