Tufting Technology

Employing the same detection principle as the industry-proven Tuftight Gen 1, reconfigured in a simpler, more integrated, and easier to maintain design

TUFTIGHT LX

Set the angle of the yarn and adjust detection sensitivity with a unique rack-and-pinion mechanism. Select programmable stop delay for the entire rail or each meter section.

The Tuftight LX accommodates various creel and header layouts by normalizing the tight-end response across the machine. Connect to plant data systems via PLC interface using industry standard RS-232 serial port. Single-sided and double-sided versions available.
**LXg for graphics machines**
The LXg model is designed for graphics machines with front and rear yarn feeds.

**LXs for scroll machines**
The LXs uses highly sensitive contacts, 10 times more responsive than the normal tight-end detector, enabling detection on low-torque servo scroll tufting machines.

**System features & capabilities**
- Indicator light for each meter segment and tight-end identification
- Yarn path capacity up to 7-meters
- Rack-and-pinion yarn tension adjustment for matching tension requirements to yarn type (wool to polypropylene)
- User-removable and replaceable switch covers
- Color Touchscreen Interface

**Specifications**
Specifications subject to change without notice.

- **Input Power**
  115-220VAC 50/60 Hz
  150 watts

- **Stop Motion**
  Momentary dry contact
  NO, COM, NC
  Run/Reset signal
  24-240 VAC/VDC

- **Detection System**
  Mechanical switch with high wear cover.
  √ Normal sensitivity
  √ High sensitivity

- **Operator Interface**
  4.5” (11 cm) Diagonal color touch screen

Appalachian Electronic Instruments, Inc.
For more information about any AEI solution contact us today.
304.647.5855 Ph - 304.645.4006 Fx - info@aei-wv.com - aei-wv.com
We will quickly put you in touch with the AEI representative for your region and industry.