

TENSION CONTROLLER

SPECIAL FEATURES :

- ❖ 7 Segment LED & Graphic LCD (Dual) Display for Clarity
- ❖ High & Stable Measurement & Easy Tension Calibration
- ❖ Strain Gauge based Tension Sensor
- ❖ Build-in PI Algorithm
- ❖ Acceleration & Deceleration Operation
- ❖ Automatic/Manual Tension Control
- ❖ Parameters Protection by Password, avoid inadvertent Modification
- ❖ Wide Range Input Switching Power Supply (120 - 240 V AC)



SPECIFICATIONS

Model	: SM-8-A.
Tension Input	: Strain Gauge Based Tension Sensor. (Signal Range: 20 mV, Power Supply: 10 VDC).
Measurement Precision	: $\pm 0.2\%$ FS ± 1 Digit.
Sampling Rate	: 100 ms.
Control Algorithm	: PI (Proportional Integral).
Auxiliary Outputs	: Dual 0 – 20 mA, 4 – 20 mA or 0 – 5 V, 0 – 10 V, drive inverter or Electric-Pneumatic Converter.
Tension Alarm	: Relay, Normally Open, 3A/250V AC.
Display	: 4 Digits, High Brightness Red LED & 128 x 96 Graphics LCD with Backlit.
Dimensions	: 246 mm (W) x 154 mm (H) x 156.5 mm (D).
Environmental	: Ambient Temp: 0-50 °C Humidity: $\leq 85\%$.
Power Supply	: 120 to 240V AC, 50/60 Hz.

Please Communicate to :

EPOCH

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