

PR-DTC-3100

Taper Tension Controller

It does not use a tension detector but uses the thickness and the number of revolutions of fabric to increase or decrease the output of powder brake or powder clutch to control the tension. It is an open loop type semiautomatic tension control device. The proximity sensor is installed to directly detect the number of revolutions of winders and unwinders. It uses a variable resistor or ultrasonic distance measuring sensor to check the amount of winding and unwinding to control.

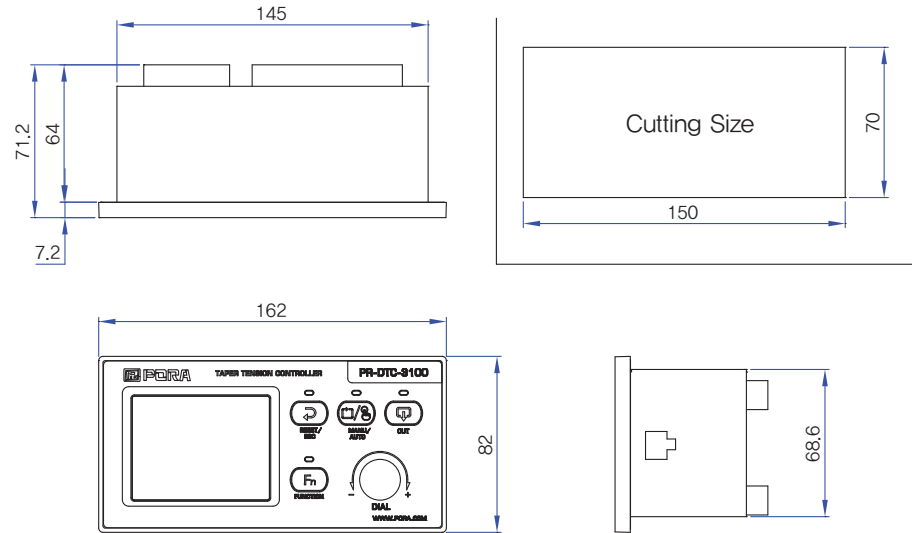
Product Functions

3.2 inch Full Color TFT-LCD / Power failure compensation function / Data of maximum 10types of strips can be stored. / A PNP or NPN proximity sensor can be used.

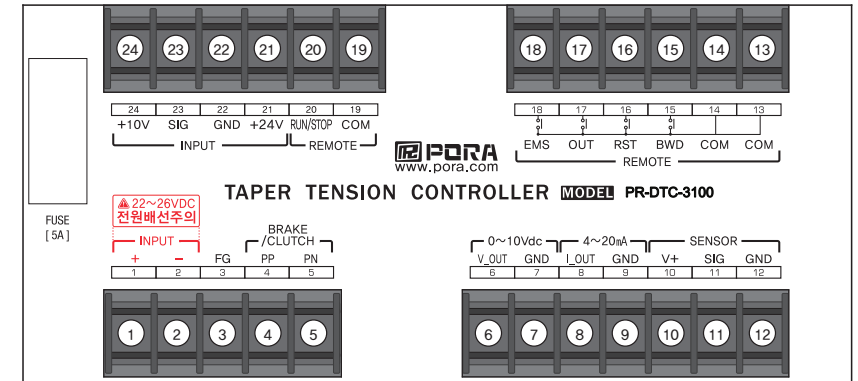


※ The content of this leaflet may be changed without prior notice, for which we request your kind understanding.

DIMENSION



TERMINAL BLOCK



SPECIFICATIONS

Product Name	PR-DTC-3100
Input voltage	22 ~ 26Vdc
Output	Proportional to the input of about 0 ~ 23Vdc (maximum 5A)
Auxiliary output	4 ~ 20mA & 0 ~ 10Vdc
External input	0 ~ 10Vdc or VR 2K Ω ~ 5K Ω (Variable resistor)
Input sensor	Three-wire proximity switch, Response speed of input pulses is below 250Hz Possible to use both PNP and NPN, Ultrasonic distance measuring sensor is applicable
Remote	Emergency stop, Power ON/OFF, Reset, Select winding or unwinding
Weight	0.6kg

EXTERNAL CONNECTION DIAGRAM

