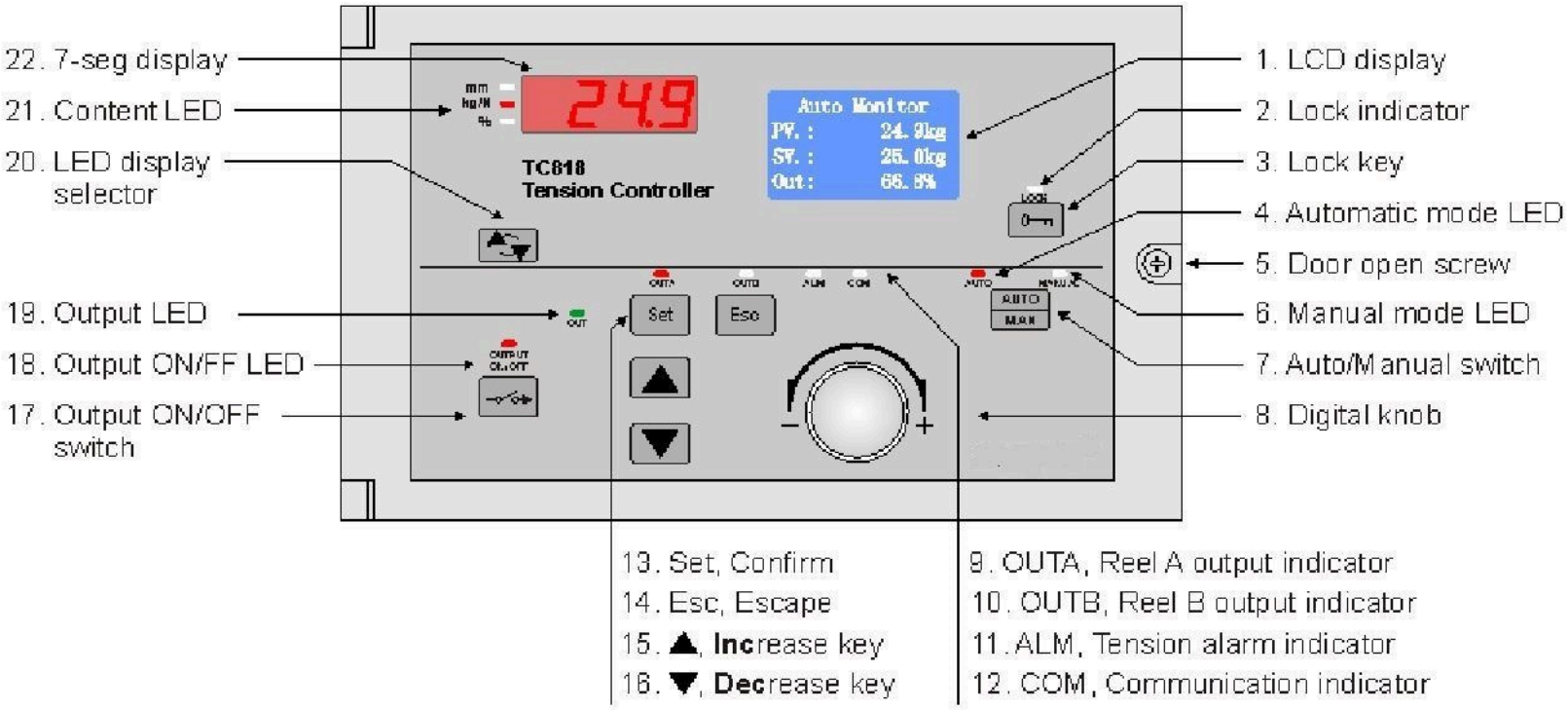
WEB TENSION CONTROLLER

TC818 GENERAL SPECIFCATION



Set/Esc Set: Enter the next menu screen or confirm operation.
Esc: Back to previous menu screen or onfirm/Exit after finishing the setting of the value.

AUTO/MAN : **Auto :**The automatic mode and manual mode can be switched by pressing this key. In automatic mode, the indicator AUTO will be lit, at this time, the setting tension can be altered by pressing the Inc/Dec key or turning the digital knob.The flash of AUTO LED indicates that the controller is in stopping mode.
MAN : In manual mode, the indicator MAN will be lit, at this time, the output can be altered using the Inc/Dec key or turning the digital knob.While switching the controller from manual mode to automatic mode, the measured tension before switching will be used as the setting tension for automatic control, this makes the smooth transition.If the measured tension is incorrect and the error code appears, the controller will switch to manual mode automatically, in this case, the controller can not be switched to automatic mode.

OUTPUT ON/OFF switch and Indicator : The output of Reel-A and Reel-B can be turned ON and OFF by pressing the 'OUTPUT ON/OFF' switch. When the indicator is lit, output is 'ON' otherwise the output is 'OFF'.LED display selector and Content LED The type of contents displayed on the 7-seg display is changed every time the LED Display Selector is pressed. The type of contents displayed is indicated by the Content LED provided on the left side of the 7-seg display: kg/N: measured tension in kg or Newton % : output mm : radius in mm

LOCK key and Indicator This key is used to lock/unlock the keypad except the LED display selector. Lock indicator is on: keypad locked. Lock indicator is off: keypad unlocked.If set Function[28] to Radius control, in "Enter PWD" screen, the reel radius can be initialized to initial radius R0. In this case, if Ctrl Mode[29] = Program Ctrl, the "Radius-Output" parameter list can be revealed using the LOCK key, at this time, the user can alter the value of the parameters.

OUT: Output indicator The brightness of this green LED indicates the magnitude of the output, the brighter LED, the greater output The LED will be off when the output is zero.

OUTA: Reel A output indicator This LED indicates the output states of Reel A, it is lit when output of Reel A is ON.

OUTB: Reel B output indicator This LED indicates the output states of Reel B, it is lit when output of Reel B is ON.

ALM: Tension alarm indicator When the measured tension is lower than Alarm Value[04], the LED ALM will be lit and at the same time relay ZT will be 'ON' to generate an alarm signal. Tension alarm does not act in Run/Stop and reel exchange progress.

COM: Communication indicator The indicator COM flashes when the controller is in active communication with a host computer

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