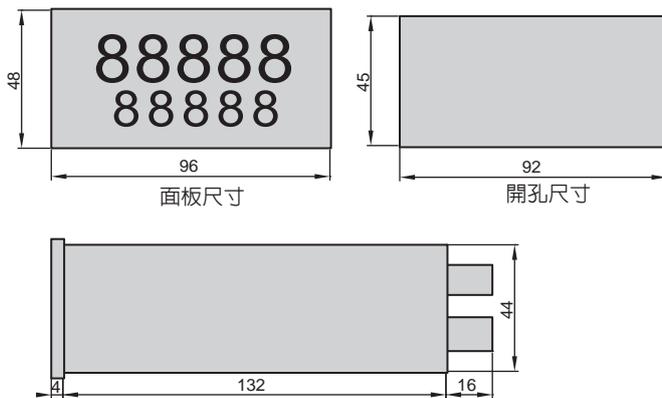


# JS-420 Dual Display Torque Controller

JS-420係高精度、多功能、雙顯示扭力量測控制器，本控制器針對應變規式感測器而設計，有絕佳之穩定性，採用快速類比數位轉換器，最高取樣速度可達每秒500次，內部解析度高達1百萬，顯示解析度可達2萬，具有二組5位數LED顯示螢幕，將量測值與設定值分開，使量測值與設定值易於分辨及設定，有18個指示燈，隨時顯示其工作狀態，並具備5種常用單位轉換功能，特別設計的第一高點保持及自動復歸功能，使量測自動循環起動；具有4組設定警報輸出，類比及RS-232或RS-485數位輸出介面，易於與電腦或PLC連線。

JS-420 is a high quality and high precision dual-display torque measuring controller. It is special designed for strain gage torque sensor, processed excellent stability. It adopts high frequency A/D converter and sampling rate is up to 500 Hz; The internal resolution of JS-420 is up to 500000 count; And the display resolution is up to 20000 count. There are two five digital led display sets to separate measurement value and alarm setting value and it would be helpful for alarm setting and measurement data display. Special designed first peak hold and auto reset function make measurement automatically restart and cyclely proceed. It have 18 guiding lights for working conditions index, 5 general used torque unit converting, 4 setting alarms outputs analog and RS-232 or RS-485 digital output interface. That makes it easy to connecting to computer or PLC.

## Installation Dimensions



## Specification

|                                       |  |                                     |
|---------------------------------------|--|-------------------------------------|
| 顯示範圍 Display range                    | .....  | -9999 to 99999                      |
| 解析度 Display resolution                | .....  | 1-20000 selectable                  |
| 感測器加載電壓 Sensor excitation             | .....  | DC 5 V                              |
| 驅動感測器能力 Load current                  | .....  | Max-60mA(4×350 ohm Sensor)          |
| 輸入範圍 inpt range(full scale)           | .....  | 0.1-5mV/V                           |
| 線性度 Non-linearity                     | .....  | 0.02%                               |
| 顯示增量 Display increment                | .....  | 0.0,0.000,0.0000,0.00000 selectable |
| A/D取樣數率 conversion rate               | .....  | MAX. 500 HZ                         |
| 功能 Fncions                            | .....  | Zero,Unit,Auto Reset,Print,Hold     |
| 面板顯示內容 Front Panel Annunciators(LED): | Zero,Auto Reset,First Peak,Hold,N-m,kg-m,kg-cm,lb-in,lb-ft,Power,AL1-AL4,SET1-SET4           |                                     |
| 電源 Power                              | .....  | Ac 90-240V 50/60 Hz                 |
| 使用溫度 Operating temperature            | .....  | 0°C to 50°C                         |
| 環境溼度 Operating humidity               | .....  | 95%RH MAX.(non condensing)          |
| 類比輸出 Analog output                    | .....  | +/-5V OR 4-20 mA                    |
| 串列輸出 Serial output                    | .....  | RS-232C OR RS-485                   |
| 訂購編號 Ordering information             | .....  | JS420 -AO - DO - N - C              |
| AO- 類比輸出 Analog output:               | 0- non, V-5V, A-4-20mA   |                                     |
| DO- 數位輸出 Digital output:              | 232- RS-232, 485-RS-485  |                                     |
| N- 警報輸出數目 Alarm output number:        | 2 OR 4   |                                     |
| C-警報輸出型式 Relay type ...               | P 光耦合繼電器 Photo couple relay (80mA 220V DC or AC)<br>R 磁簧繼電器 Coil relay (8A 220VAC or 30V DC) |                                     |