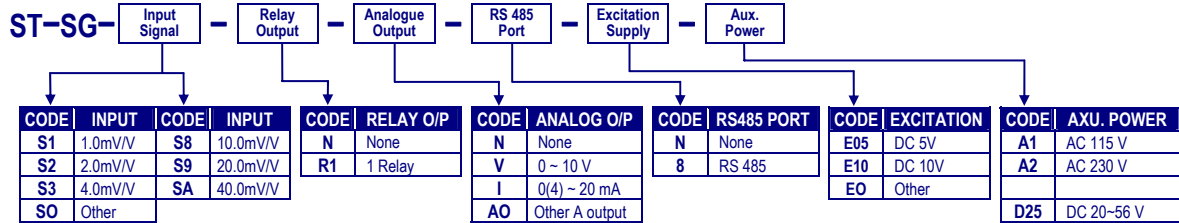


FEATURES

- Measures Strain Gauge signals of 0~1.0/~2.0/~4.0/~10.0/~20.0/~40.0mV/V
- Accuracy: $\pm 0.04\%$; Display range: -19999~29999
- Easily programmable via the front panel. Displays Present value
- 1 Relay output, Analogue output and RS 485 communication port
- Plugs into 11 pin Din Rail mounted base
- CE Approved



ORDER CODING



SPECIFICATION

Measuring Range	Input Impedance	Excitation Voltage
0 ~ 1.0/~2.0/~4.0 mV/V	$\geq 1M$ ohm	DC 5V, 40mA
0 ~ 10.0/~20.0/~40.0 mV/V		or DC 10V, 40mA

Calibration: Calibration via front keys
Field calibration function: Calibration with field signal input high & low, and field calibration reset without influence factory calibration

Accuracy: $\leq \pm 0.04\%$ of FS $\pm 1C$;
Response time: ≤ 100 msec.(when the AvG = "1")

Operating Programming: 4 keys for Enter(Function) / Shift(Escape) / Up / Down
Security : 4 digit password and 3 user levels None/User/Master

Display & functions LED: Measuring value: 0.28" green high-brightness LED
 Relay output indication: square red LED
 RS 485 communication: square red LED
Settable: Low.cut / Average / Digital Filter
Display functions: Present Value / Maximum Hold / Minimum Hold / Write to display by RS485 command

Scaling Input range function: Input Low & High range settable from 0.00~100.00%
Scaling function: High & Low scale settable from -19999~+29999
Decimal point: Settable from 0 / 0.0 / 0.00 / 0.000 / 0.0000

Control functions Relay: 1 Relay SPST(N.O.), 3A/230Vac, 5A/115V
Relay Output: Energized levels are compared with set-points: Hi / Lo / Hi hold / Lo hold (latching) selectable

Analogue output Accuracy: $\leq \pm 0.1\%$ of F.S.; 16 bits AD converter
Ripple: $\leq \pm 0.1\%$ of F.S.
Response time: ≤ 200 msec. (10~90% of input)
Output range: Specify Voltage or Current
 Voltage: 0~5V / 0~10V / 1~5V selectable
 Current: 0~10mA / 0~20mA / 4~20mA selectable
 0~10V: $\geq 1000\Omega$; 0(4)~20mA: $\leq 600\Omega$

Output Drive: 0~10V: $\geq 1000\Omega$; 0(4)~20mA: $\leq 600\Omega$
Functions: Output high, Low & Limit settable
RS 485 communication Protocol: Modbus RTU mode
Baud rate: Selectable 2400/4800/9600/19200/38400
Data bits: Selectable 7 or 8 bit
Parity: Selectable Even, odd or none (with 1 or 2 stop bit)
Device no: Settable 1 ~ 255

Power

Power Supply: AC 115 or 230V $\pm 15\%$, 50/60Hz;
Excitation Supply: DC 5V or 10V $\pm 0.1\%$, 40mA
Power consumption: 5VA
Back up memory: By EEPROM

Environmental

Operating temperature: 0~60 °C
Operating relative Humid.: 20~95 %RH, Non-condensing
Temperature coefficient: ≤ 100 PPM/°C
Storage temperature: -10~70 °C

Electrical

Dielectric Strength: AC 2.0 KV for 1 min, Between Power/Input/Output
Isolation: 500Vdc Between Power / Input / Output

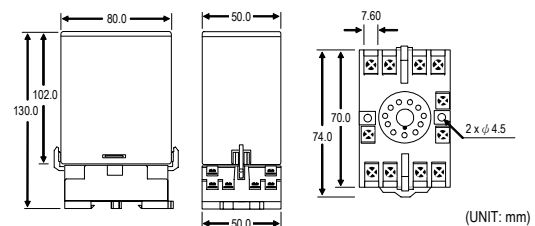
EMC:

EN61326

Mechanical

Case Materiel: ABS fire-protection (UL 94V-0)
Mounting: DIN rail mounting
Terminal block: 11 pin Socket, 10A 500Vac, M2.6, 16~22AWG
Weight: Under 480g(without socket)

DIMENSIONS



CONNECTION DIAGRAM

