

STRAIN GAUGE METER

ASG-251

Load Cell Direct Input



■ Specifications

Accuracy:	0.1%FS ± 1 digit
Conversion Rate:	2.5/sec
Normal Mode Rejection:	NMR 40dB (Typ) (50/60Hz)
Sensor:	Strain gauge sensor (350W)
Excitation Supply:	DC5V $\pm 5\%$ 20mA
Display:	LED, 8mm (RED)
Decimal Point:	Settable to any digit position
Overrange Indication:	When input exceeds the maximum display, 1999 flashes
Power Supply:	DC19 to 29V (40mA at DC24V)
Operating Temperature:	0 ~ 50°C, 30 ~ 85%RH
Power Consumption:	Approx. 1W
Dimensions:	24(H) $\times$ 48(W) $\times$ 87(D) mm DIN Size
Weight:	Approx. 53g (unit only)
Dielectric Strength:	Between power supply/COM DC500V/ 1 min. Between -SIG/case AC1500V/ 1 min.
Insulation Resistance:	DC500V 100MW at above terminals
Accessory:	Instruction manual, connector
Zero Adjustment:	± 0.3 mV/V
Gain Adjustment:	1mV/V ~ 3mV/V to fullscale 1999
Zero Drift:	0.02% FS/°C
Gain Drift:	0.02% rdg/°C
Analog Output:	1mV/digit 0.5% FS, less than 250ppm more than 100msec, more than 500W
External Control:	Hold

■ Comparator Section

Setting Range:	10 ~ +1999 (HI and LO)
Setting Method:	By Volume
Setting Accuracy:	Setting value ± 2 digit (23°C $\pm 5^\circ$ C) (Typ.)
Relay Contact Capacity:	250VAC 0.1A resistive load 120VAC 0.5A resistive load 28VDC 1A resistive load
Comparative Condition:	HI setpoint%Indication $\rightarrow$ HI LO setpoint.Indication $\rightarrow$ LO
Hysteresis:	5~12 digit
Response Time:	less than 100msec

■ Ordering Code

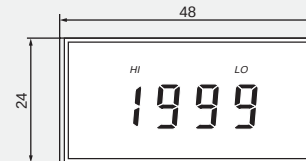
ASG-251

■ Features

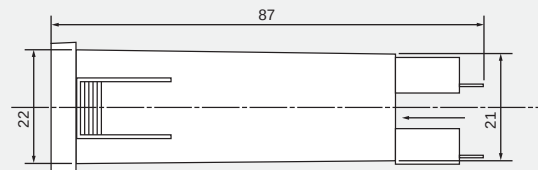
- Hi and Lo Set points
- Bright LED, 8mm (RED)
- Excitation Supply 20mA at DC5V

■ Dimensions

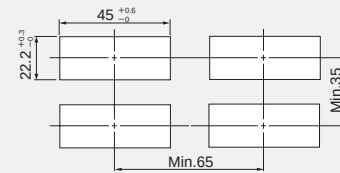
Front



Side



Panel cut



Panel thickness 0.8 to 3.5mm

■ Connection Diagram

