

# STRAIN GAUGE METER

## ASG-151

### \*Load Cell Direct Input



### ■ Specifications

Accuracy:	0.1% F.S. ±1 digit
Conversion Rate:	2.5/sec
Normal Mode Rejection:	40dB(Typ.)(50/60Hz)
Sensor:	Strain gauge sensor(350Ω)
Excitation Supply:	DC5V±5% 20mA or less
Display:	LED, 14.2mm 3 1/2 digits
Polarity:	A "-" is displayed automatically
Decimal Point:	Settable to any digit position
Overrange Indication:	When input exceeds the maximum display, 1999 flashes
Power Supply:	AC90-132V, AC180-264V
Operating Temperature:	0-50°C, 35 to 85%RH
Power Consumption:	Approx. 2.2VA
Dimensions:	48(H) × 96(W) × 95(D)mm DIN Size
Weight:	Approx. 270g
Dielectric Strength:	Between earth and common, DC±500V Between common and photo common, DC±500V Between power supply terminal and common, earth, AC1500V/1 min.
Insulation Resistance:	DC500V 100MΩ at above terminals
Zero Adjustment:	±0.3mV/V
Gain Adjustment:	Available input 1.0mV~3.0mV/V to fullscale 1999.
Calibration Value:	1mV/V at 1000
Zero Drift:	0.02% F.S./°C or less
Gain Drift:	0.02% rdg/°C or less
Analog Output:	1mV/digit
Control System:	Analog comparator System
Setting Range:	0~+1999
Setting Method:	By Switch
Comparator Output:	Photo Coupler Voltage : 30V Sink current: More than 5mA
Hold System:	Analog Hold
Peak Hold Pulse Width:	DC~1ms
Drop Speed:	0.025% F.S./sec or less
Accuracy:	0.5% F.S. or less
Reset Time:	100μs or less

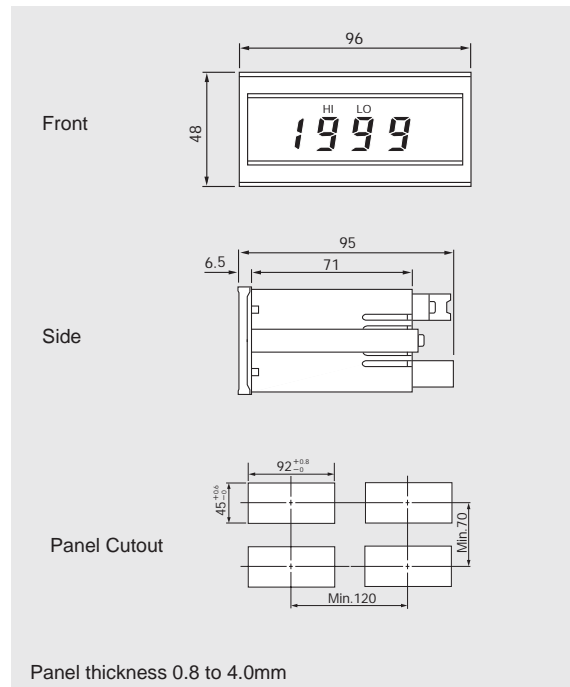
### ■ Features

- With Analog peak hold
- HI, LO Set points
- With Analog output
- Bright LED, 14.2mm(Red)
- Excitation Supply 20mA at DC5V

### ■ Ordering Code

ASG-151-□  
 Power Supply { 1. AC90-132V  
 2. AC180-264V

### ■ Dimension



### ■ Connection Diagram

