

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
Droop Speed:	0.025% F.S./sec or less
Accuracy:	0.5% F.S. or less
Reset Time:	100μ s or less

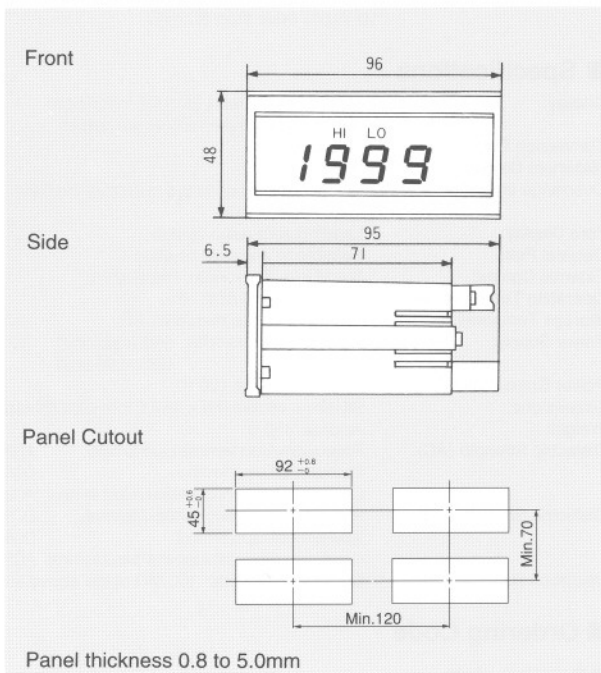
■ Features

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

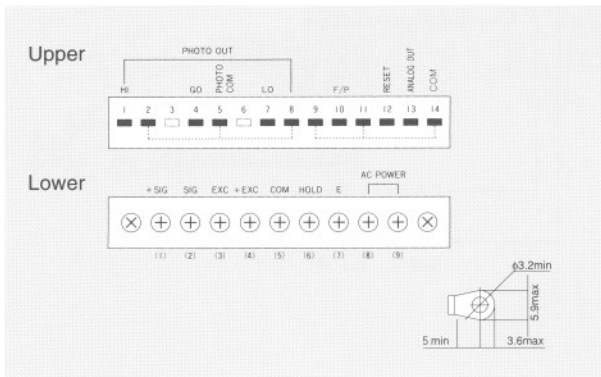
■ Ordering Code

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

■ Dimensions



■ Connection Diagram



Strain Gauge

Sales, Service, Technical support

Topac Inc.

101 Derby St., Hingham MA 02043 USA

www.topac.com, sales@topac.com

Tel: 781 740 8778 Fax: 781 740 8779