DIGITAL SCALING METER

AS-101



■Features

- Low Cost
- CE Approval

■DC Voltage Measurement

Model	Range	Display Adjustable	Input Impedance	Input Protection
AS-101-1V	1~5V	Offset±10	1M ±	100V
AS-101-2V	0~5V	Fullscale		
AS-101-3V	0~10V	100~1999		

Accuracy :±(0.1% of rdg. + 2 digits)°C(23±5°C, 35~85%RH)

■DC Current Measurement

Model	Range	Display Adjustable	Input Impedance	Input Protection
AS-101-2A	4~20mA	Offset±10 Fullscale 100~1999	51	±70mA

Accuracy :± (0.1% of rdg. + 2 digits)°C(23±5°C, 35~85%RH)

■Specifications

Measurement function :DC voltage & current measurement.Front
Specify one model from among 4 models.
Operation method : Dual slope
Input configuration : Single ended
Input Bias Current : 2nA(Typ.)
Conversion rate : 2.5 times/sec
Normal mode rejection :More than 4dB (50/60Hz) (Typ.)
Max.display : 1999
Overrange indication : When input exceeds the maximum display, 1999 or -1999 flashes
Display : LED, 14.2mm, 3 1/2-digits
Polarity : Automatic polarity selection
Polarity display : A "-" is displayed automatically
External control : Hold:COM terminal and S/H terminal shorted Side or level"O"
Decimal point : Settable to any digit position
Operation Temperature/humidity : 0 ~ 50°C, 35 to 85%RH
Storage temperature/humidity : -10 ~ 70°C, 60%RH max.
Power supply : AC 90V~132V 50/60Hz 2.0VA(Max.) (100V)
180V~264V 50/60Hz 2.0VA(Max.) (200V)
DC 24V ±20% 40mA(Max.) Isolated
Dimensions : 96mm(W) x 48mm(H) x 71mm(D) DIN size
Weight : AC Approx. 175g DC Approx. 100g
Dielectric resistance : AC type; Between power supply and input terminal(Lo),COM,case, AC2100V/1 min.
DC type; Between power supply(0V) and input(Lo), DC500V
Insulation resistance : Between power supply terminal(0) and input(Lo) DC500V more than 100M ohm
Accessory : Instruction manual, terminal cover,2-axis,2-screw
Conformed EN Standards : EN61326-1, EN61010-1, EN IEC 63000
Setup environment : Installation category II, Pollution degree 2
Altitude : 2000m max.
Fuse : Type TR-5 19372-0.2A Slow-blow type

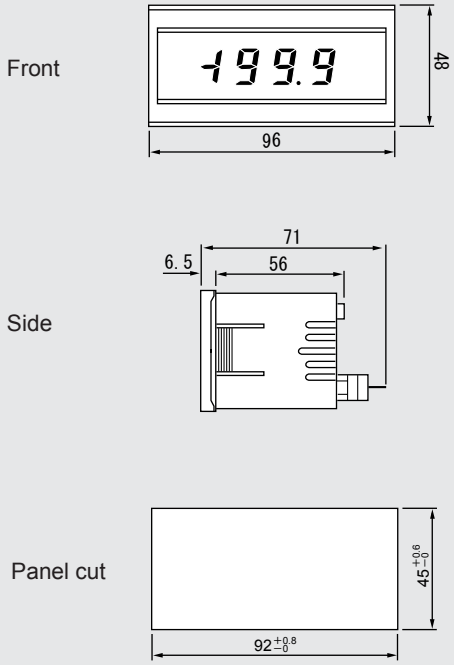
■Ordering code

AS-101-□□-□

Power supply
- 1: AC 90~132V
- 2: AC 180~264V
- 4: DC 24V (Isolated

Range
- 1V: 1~5V
- 2V: 0~5V
- 3V: 0~10V
- 2A: 4~20mA

■Dimensions



■Connection Diagram

