

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) (25°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) (25°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 "0"

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

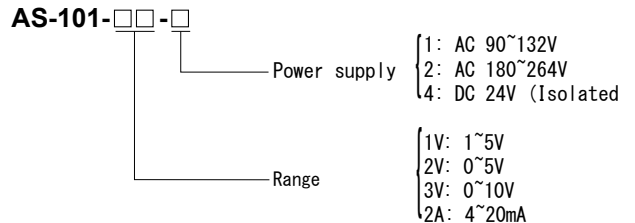
Standards : IEC1010-1, EN50082-2, EN50081-2

Setup environment : Installation category II, Pollution degree 2

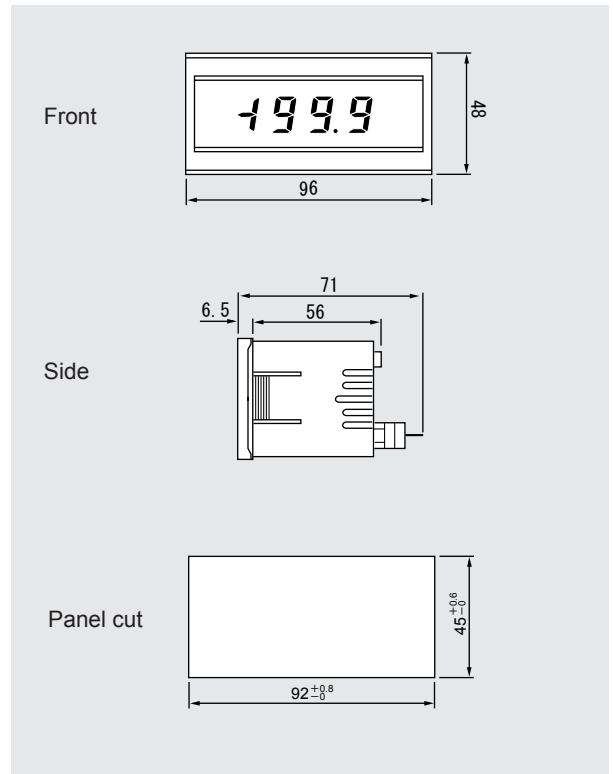
Altitude : 2000m max.

Fuse : Type TR-5 19372-0.2A Slow-blow type

■ Ordering code



■ Dimensions



■ Connection Diagram

