

SMP-2LB Meiyu Electric 24VDC 0-10kgf/cm² Pressure Transmitter Datasheet



SKU: [1011087412312](#)

Category: Process Sensors

Price: **\$1,114.29**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

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Product Description

Meiyu Electric SMP-2LB 0-10 kgf/cm² 24 VDC 4-20 mA is an industrial pressure transmitter featuring a robust SPCC cold-rolled steel housing and a silver finish. The unit operates on a nominal 24 VDC power supply with a permissible ripple of 500 mV P-P and provides a standardized 4-20 mA analog output. It is constructed with integrated EMI resistance and an IP 44 protection rating, ensuring stable signal acquisition in environments with electromagnetic interference. The internal mechanism is designed to withstand overloads up to 1.5 times the maximum pressure range while maintaining a ± 1.0 % full-scale accuracy rating.

SMP-2LB Specifications

Model Number: SMP-2LB

Brand: Meiyu Electric Co., Ltd.

Category: Pressure Transmitter

Pressure Range: 0 to 10 kgf/cm²

Power Supply: 24 VDC (+30% / -25%)

Source Ripple: Within 500 mV P-P

Output Signal: 4-20 mA DC

Accuracy: ± 1.0 % Full Scale (FS)

Load Impedance: (Source Value - 13.5 V) / 0.02 A

Overload Capacity: 1.5 times maximum pressure range

Protection Rating: IP 44

Case Material: SPCC (Cold Rolled Steel)

Color: Silver

Weight: 1.0 kg

EMI Resistance: Integrated

Type Number: NP-063

Manufacturing Origin: Japan

SMP-2LB Applications

Primary applications include integration into marine engine room monitoring systems, hydraulic power units, and pneumatic control loops. Deployed within industrial process automation systems, water treatment pumping stations, and HVAC compressor control panels requiring EMI-shielded instrumentation.

Supplemental Images

