

SMP-2LB Meiyo Electric -0.1-1Mpa DC24V Pressure Transmitter Datasheet



SKU: [1010715696459](#)

Category: Process Sensors

Price: **\$1,113.86**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/smp-2lb-meiyo-electric-0-1-1mpa-dc24v-pressure-transmitter>

Product Description

The Meiyo Electric SMP-2LB is a high-precision industrial pressure transmitter engineered for stable signal acquisition in demanding environments. Operating on a DC24V power source with a permissible ripple of 500mV P-P, it provides a standardized 4-20mA analog output with a $\pm 1.0\%$ full-scale accuracy rating. The unit features a robust SPCC case with IP44 protection and integrated EMI resistance, ensuring reliable performance against electromagnetic interference. Designed to withstand overloads up to 1.5 times the maximum pressure range, this Japanese-manufactured sensor is optimized for long-term durability in marine and factory automation systems.

SMP-2LB Specifications

Model Number: SMP-2LB

Brand: Meiyo Electric Co., Ltd.

Product Category: Pressure Transmitter

Pressure Range: -0.1 to 1Mpa

Power Supply: DC24V (+30% / -25%)

Source Ripple: Within 500mV P-P

Output Signal: 4-20mA DC

Accuracy: $\pm 1.0\%$ Full Scale (FS)

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

Overload Capacity: 1.5 times maximum pressure range

Protection Rating: IP44

Case Material: SPCC (Cold Rolled Steel)

Color: Silver

Weight: 1.0kg

EMI Resistance: Integrated

Terminal Marks: Source (+/-), Output (+/-)

Manufacturing Origin: Japan

SMP-2LB Applications

Pressure monitoring in marine engine rooms, hydraulic power units, pneumatic control loops, and industrial process automation systems requiring EMI-shielded instrumentation.

Supplemental Images

