



MONI-SIG1

- Compact, lightweight portable monitor sensor
- Ideal monitor for outdoor and indoor instrumentation signals
- This monitor supplies power to a sensor and can display 2-wire 4-20 mA and 3-wire voltage signals.
- When connected with a pressure sensor or water level sensor, the monitor converts the electric signals from the sensor to the unit of voltage or water level and displays them.
- As the display unit, Pa, kPa, MPa, or m can be selected.
- Negative pressure and compound pressure sensors are also supported.



Specifications

Model		MONI-SIG1
Power supply	9-V alkaline battery (006P) :1	
Current consumption	Approx. 100 mA (when power on) Battery life: Approx. 3 hours	
Sensor supply power	Select from 24, 12, 5, and 3 VDC.	
Input specifications	Voltage: Select 1-2 V, 1-3 V, 1-5 V, 0-5 V, or 0-10 V. Current: 4-20 mA	
Display function	8-digit, 2-row backlit LCD	
Display scale	Voltage display	□□ . □□□ V
	Current display	□□ . □□□ mA
	Pressure display	± 9.999Pa to ± 999.9Pa (Arbitrary setting) ± 9.999kPa to ± 999.9kPa (Arbitrary setting) ± 9.999MPa to ± 99.99MPa (Arbitrary setting)
	Water level display	9.999m to 999.9m (Arbitrary setting)
Sensor connection connector	Terminal block 3P	
Operating temperature range	0 to 50°C	
External dimensions (Units : mm)	Main unit	76 (D) × 35 (H) × 135 (D) (excluding protrusions)
	Protective case	81 (D) × 40 (H) × 141 (D)
Weight	Approx. 330 g	
Accessories	Sensor connection cable and user' s manual	

Uses

■ Pressure sensor

- Operation checker when a pressure sensor is installed
- Pressure sensor checking during maintenance
- Manometer when connected to a pressure sensor (to be purchased separately)

■ Water level sensor

- Operation checker when a water level sensor is installed
- Level monitor for water level measurement

■ Other

- 4-20 mA (2-wire) or voltage (3-wire) output monitor

Dimensions (Units : mm)

