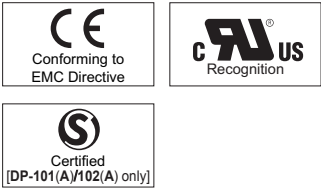


DP-100 SERIES Ver.2

Related Information	■ General terms and conditions..... F-7	■ Sensor selection guide P.731~
	■ Glossary of terms..... P.1469	■ General precautions P.1472
	■ Korea's S-mark..... P.1506	



* Passed the UL 991 Environment Test

* UL 61010C-1 compatible, Passed the UL 991 Environment Test based on SEMI S2-0200. [Category applicable for semiconductor manufacturing: TWW2, Process Equipment] [Applicable standards: UL 61010C-1] [Additional test / evaluation standards as per intended use: UL 991, SEMI S2-0200]



Dual 3-color display makes operation easier!

Achieved further efficiency with 4 upgrades, keeping the same operability

UPGRADE 1

Superior visibility Improved visibility in Digital Display

Improvements to the digital display deliver a wide viewing angle along with increased clarity. The display pressure range and set pressure range have also been increased.



UPGRADE 2

Long-distance transmission of analog output Addition of analog current output capability to multifunctional models

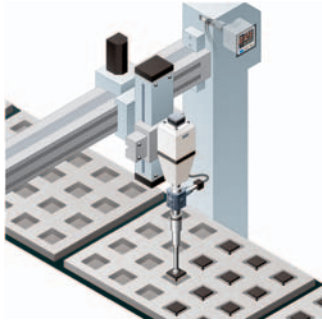
Users can now select either voltage output or current output as analog output according to their application.

- FIBER SENSORS
- LASER SENSORS
- PHOTOELECTRIC SENSORS
- MICRO PHOTOELECTRIC SENSORS
- AREA SENSORS
- LIGHT CURTAINS / SAFETY COMPONENTS
- PRESSURE / FLOW SENSORS**
- INDUCTIVE PROXIMITY SENSORS
- PARTICULAR USE SENSORS
- SENSOR OPTIONS
- SIMPLE WIRE-SAVING UNITS
- WIRE-SAVING SYSTEMS
- MEASUREMENT SENSORS
- STATIC ELECTRICITY PREVENTION DEVICES
- LASER MARKERS
- PLC
- HUMAN MACHINE INTERFACES
- ENERGY CONSUMPTION VISUALIZATION COMPONENTS
- FA COMPONENTS
- MACHINE VISION SYSTEMS
- UV CURING SYSTEMS
- Selection Guide
- Pressure/Digital Display
- Pressure/Head-separated
- Flow

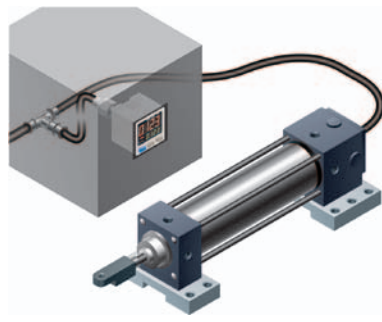
- DP-100**
- DP-M

APPLICATIONS

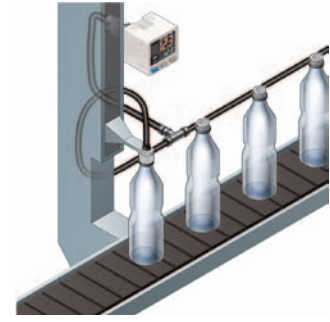
Confirming suction of electronic component



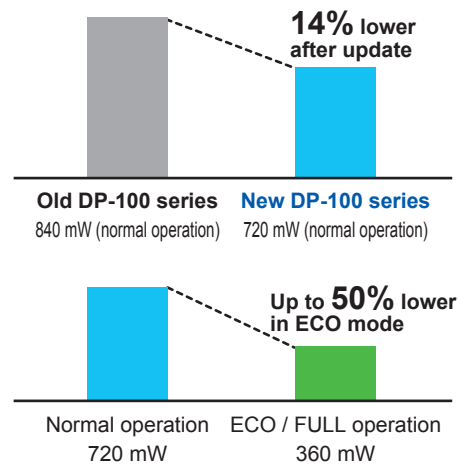
Confirming reference pressure



Air-leak test for PET bottles

**UPGRADE 3****Reduced environmental impact****14% lower power consumption (during normal operation)**

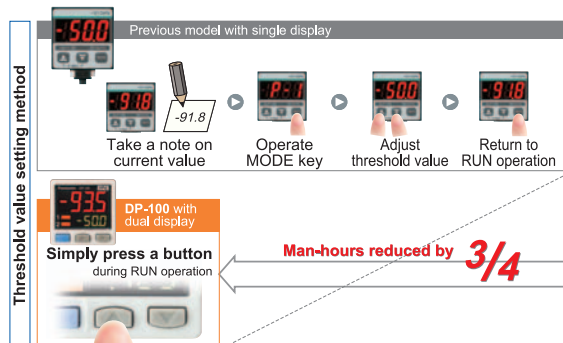
Thanks to a redesign of its circuitry, power consumption of the low-power-consumption **DP-100** series during normal operation has been reduced by 14%. The display is shut off entirely during ECO / FULL mode operation for power savings of up to 50% compared to normal operation, and display brightness is lowered during ECO / STD mode operation for power savings of up to 30% compared to normal operation.

**UPGRADE 4****Enhanced power circuitry****Addition of a reverse polarity protection circuit to the transistor output circuit**

To prevent from breakage due to miswiring.

“Current value” and “threshold value” can be checked at the same time!**Dual display allows direct setting of threshold value**

Equipped with a 30 mm 1.181 in square compact-sized dual display. The current value and the threshold value can be checked at the same time, so the threshold value can be set and checked smoothly without switching to another screen mode. ON / OFF operations still continue while the threshold values are being set, so setting to the same sensitivity as dial control-type sensors is possible. Key lock function is equipped as well.



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DP-100**DP-M**