

DP-100 SERIES Ver.2

Related Information

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

NEW


panasonic.net/id/pidsx/global


* 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.



Old DP-100 series



New DP-100 series

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
SENSORSLASER
SENSORSPHOTOELECTRIC
SENSORSMICRO
PHOTOELECTRIC
SENSORSAREA
SENSORSLIGHT CURTAINS /
SAFETY
COMPONENTSPRESSURE /
FLOW
SENSORSINDUCTIVE
PROXIMITY
SENSORSPARTICULAR
USE SENSORSSENSOR
OPTIONSSIMPLE
WIRE-SAVING
UNITSWIRE-SAVING
SYSTEMSMEASUREMENT
SENSORSSTATIC ELECTRICITY
PREVENTION
DEVICESLASER
MARKERS

PLC

HUMAN MACHINE
INTERFACESENERGY CONSUMPTION
VISUALIZATION
COMPONENTS

FA COMPONENTS

MACHINE VISION
SYSTEMSUV CURING
SYSTEMSSelection
GuidePressure/
Digital DisplayPressure/
Head-separated

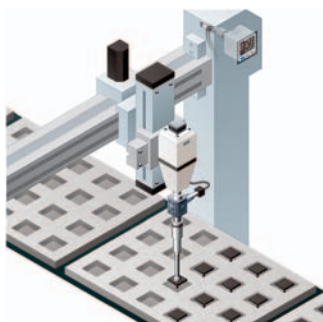
Flow

DP-100

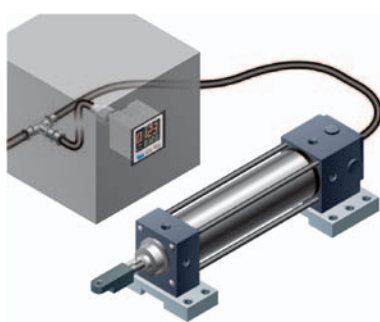
DP-M

APPLICATIONS

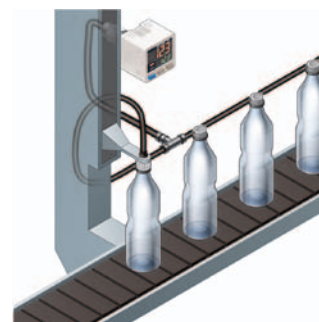
Confirming suction of electronic component



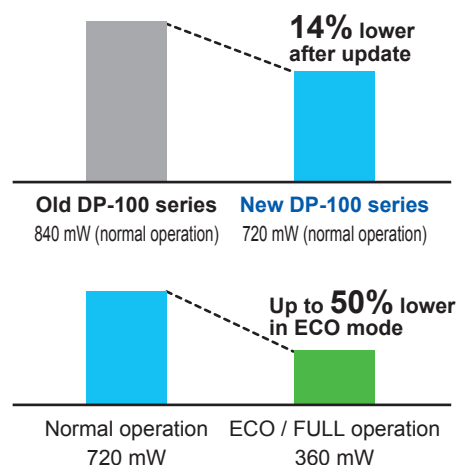
Confirming reference pressure



Air-leak test for PET bottles

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

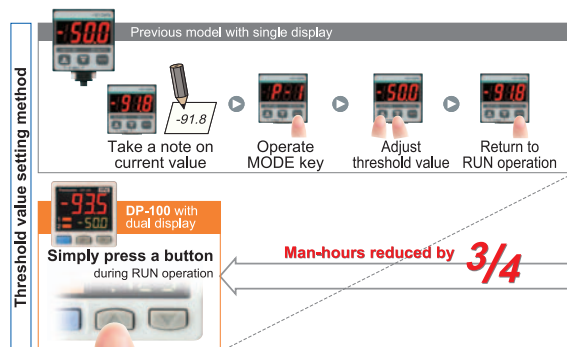
Thanks to a redesign of its circuitry, power consumption of the low-power-consumption **DP-100** series during normal operation has been reduced by 14%. The display is shut off entirely during ECO / FULL mode operation for power savings of up to 50% compared to normal operation, and display brightness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



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**