Panasonic

NEW

For gas
Digital Pressure Sensor

DP-0 SERIES

DP-0 SERIES

For gas
Digital Pressure Sensor

Simpler and Easier to Use

● Compact & Light Weight Design

The unit body measures only 24.9 mm 0.980 in in depth to allow installation in a narrow space. The main unit weighs only about 25 g. The lightweight unit means minimal load when mounted on a oving part such as a robot arm.

DP-0 series

Approx.
25 g

Actual size

24.9 mm
0.980 in

Previous model (DP-100 series)

Approx. **40 g**

42.5 mm
1.673 in

Depth dimension Approx. **41** % shorter!

Main unit weight Approx. **38** % lighter!

● Simple & High-Quality LCD Display

The LCD offers a wide viewing angle so the display is easy to see even from an oblique angle. The alphanumeric display (12-segment display), key lock mark and OVER mark further enhance the recognition of display.
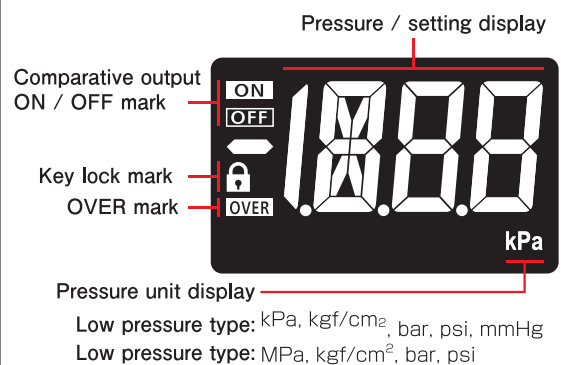
Pressure / setting display

Comparative output ON / OFF mark
ON
OFF

Key lock mark
OVER mark
OVER

kPa

Pressure unit display
Low pressure type: kPa, kgf/cm$_2$, bar, psi, mmHg
Low pressure type: MPa, kgf/cm^2, bar, psi

Wonderful Price !!

▶ Pressure Sensor Lineup

For gas & liquid   Head-separated

Dual display digital pressure sensor
Controller **DPC-L100 SERIES**
Sensor head **DPH-L100 SERIES**

CE
Conforming to EMC Directive

• High-precision liquid / air pressure detection and excellent operability.
• Compact stainless steel body withstands pressure of up to 50 MPa.
• Oil-less, single diaphragm structure.
• Mounted with throttle to achieve high resistance to pressure surge.

For gas   Head-separated

Dual display digital pressure sensor
Controller **DPS-400 SERIES**
Sensor head **DPH-100 SERIES**

CE
Conforming to EMC Directive

• High-precision liquid / air pressure detection and excellent operability.
• Compact stainless steel body withstands pressure of up to 50 MPa.
• Oil-less, single diaphragm structure.
• Mounted with throttle to achieve high resistance to pressure surge.

For gas   Head-separated

Dual display digital pressure sensor
Controller **DPC-100 SERIES**
Sensor head **DPH-100 SERIES**

CE
Conforming to EMC Directive

cULus
Certification of Recognition

• Ultra-high response speed of 150 μs.
• Network communication is possible.
• Allows connection of up to 16 units and copying of settings.
• Sensor head can be installed easily using an Allen wrench.
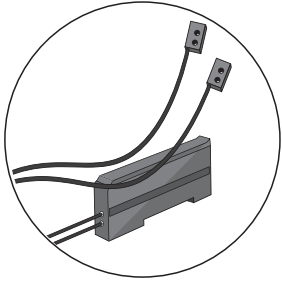• Provided with 2 outputs

More detail, go to watch the movie ≫

Panasonic

NEW
Amplifier built-in
Ultra-minute photoelectric sensor

EX-Z SERIES

How about replacing a thru-beam fiber sensor to this ?

EX-Z SERIES

Actual size

1/3 price
of fiber sensors.

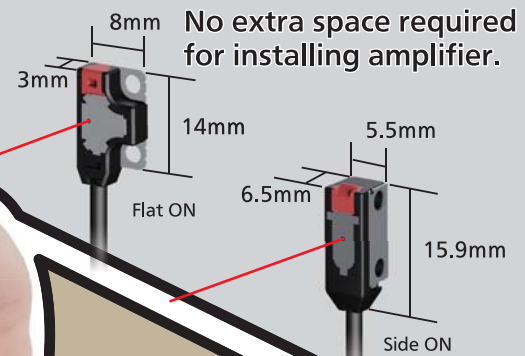By replacing fiber sensors, contribute to huge cost reduction! Please try this by all means!

Amplifier built-in
world's smallest

Same size as fiber head even with a built-in amplifier!
Available in narrow gap where beam sensor could not be installed.

8mm
3mm
14mm
Flat ON

No extra space required for installing amplifier.

5.5mm
6.5mm
15.9mm
Side ON

Detects 0.3mm very small objects
Slit built-in

NO need to purchase slit separately!

0.3 mm detection (Industry-minimum) is available without a optional slit. Providing a solution to detect small parts!

No detailed setting required for simple detection

Complicated settings like fiber sensors are not required .

Very simple & easy for anyone to install / replace

More detail, go to watch the movie