

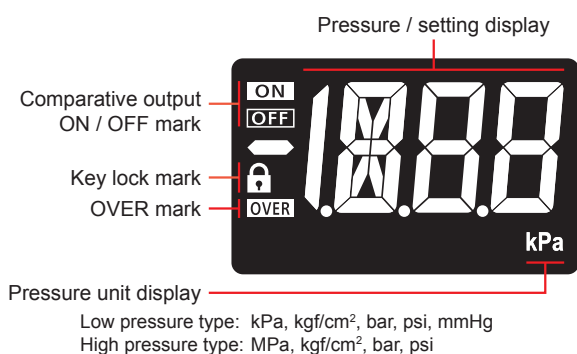
DP-0

Redesigned for improvement of pressure sensor usability from ground up

Simple

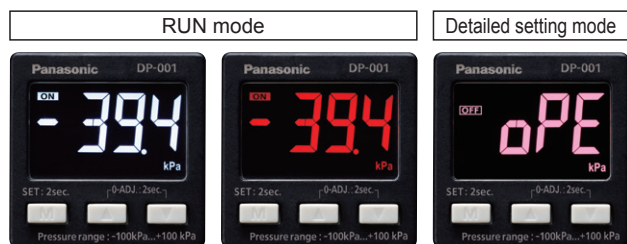
Easy Setting

High-Quality LCD Display



Simple and highly visible 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.



Selection of display color from red or white

The display color can be selected from red or white in accordance with the output operation. Since the detailed setting mode display is pink (unchangeable), the pressure sensor status can be easily recognized by color.

Display color setting	Mode		Detailed setting mode
	Comparative output ON	Comparative output OFF	
Red for ON, white for OFF	Red	White	Pink
White for ON, red for OFF	White	Red	
Red in normal status	Red		
White in normal status	White		

Compact & Light Weight Design

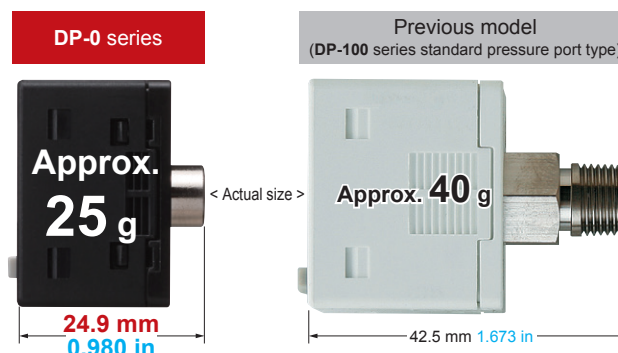
Extra-short depth and light weight

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 moving part such as a robot arm.

Comparison with previous model (DP-100 series standard pressure port type)

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

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



High pressure type



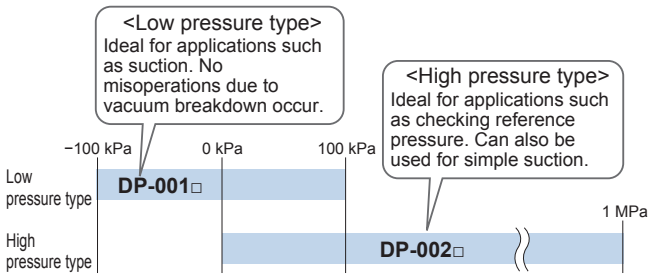
Low pressure type



Low Pressure Type and High Pressure Type Available

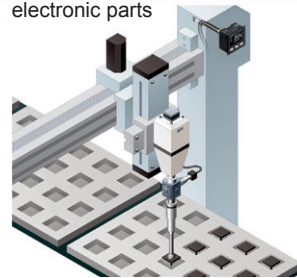
Two types to choose from according to applications

The low pressure type can be used with positive or negative pressure, while the high pressure type is suitable for positive pressure of up to 1 MPa.

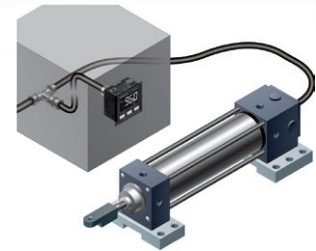


Applications

Suction confirmation for electronic parts



Reference pressure check

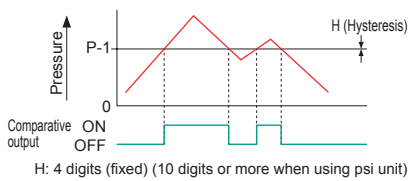


Three Output Modes

Equipped with three output modes for use in a wide range of applications

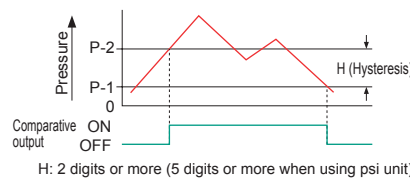
(1) EASY mode

This mode is used for comparative output ON / OFF control.



(2) Hysteresis mode

This mode is used for setting comparative output hysteresis to the desired level and for carrying out ON / OFF control.



(3) Window comparator mode

This mode is used for setting comparative output ON and OFF at pressures within the setting range.

