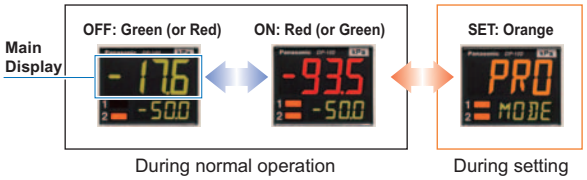
3-color display (Red, Green, Orange)

The main display changes color in line with changes in the status of output ON / OFF operation, and it also changes color while setting is in progress. The sensor status can therefore be understood easily, and operating errors can be reduced.



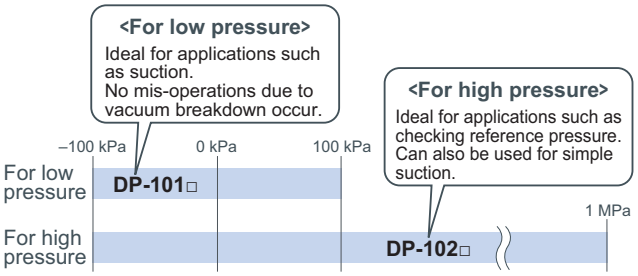
Readable digital display!

Alphanumeric indication in 12 segments is used. This improved visual checking.

BASIC PERFORMANCE

All models in the line-up are compound pressure types

No sensor settings are required to switch between positive pressure and negative pressure, so that the number of registered part numbers can be decreased.



High performance accomplished Low pressure type

The low pressure type displays measurements in 0.1 kPa at a resolution of 1/2,000 and has a response time of 2.5 ms (variable up to 5,000 ms), ±0.5 % F.S. temperature characteristics and ±0.1 % F.S. repeatability, giving it high performance.

Resolution: 1/2,000
Response time: 2.5 ms
Temperature characteristics: ±0.5 % F.S.
Repeatability: ±0.1 % F.S.

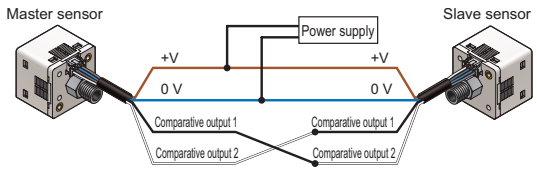
Displays measurements in 0.1 kPa

FUNCTIONS

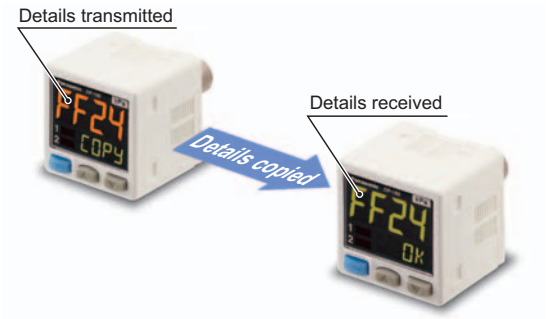
Copy function reduces man-hours and human error

Sensors can be connected to a master sensor one by one, and a copy of the setting details for the master sensor can be transmitted as data to other sensors. If making the same settings for multiple sensors, this prevents setting errors among other sensors and in addition, when machinery design are changed, there would be less change in work orders.

Copying via wiring

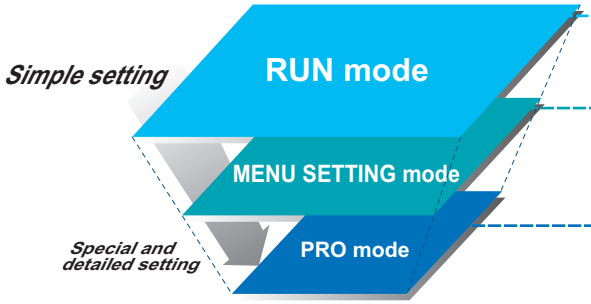


Note: Settings cannot be copied from the new version (Ver. 2) to the old version. However, settings can be copied from the old version to the new version (Ver. 2).



The sensor's setting operation mode has a 3-level configuration to suit the frequency of use

The setting levels are clearly separated into "RUN mode" for operation settings that are carried out daily, "MENU SETTING mode" for basic settings, and "PRO mode" for special and detailed setting. These make setting operations easy to understand and easy to carry out.



RUN mode

Settings such as threshold value adjustment and key lock operation can be carried out while the sensor is operating.

MENU SETTING mode

Basic settings such as output mode setting and NO / NC switching can be carried out.

PRO mode

High-level function settings such as hysteresis adjustment and the copy function can be carried out.

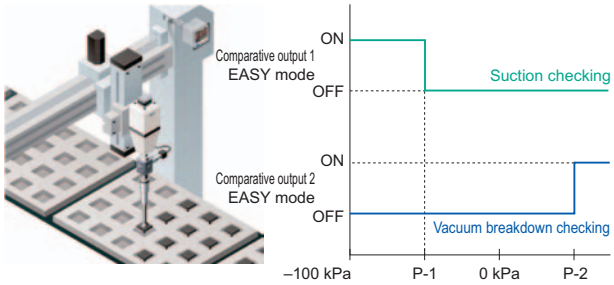
FUNCTIONS

Equipped with independent dual output and three output modes

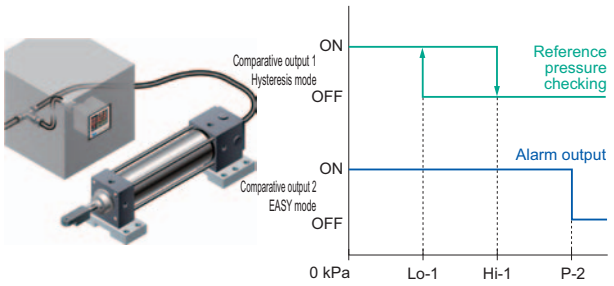
Standard type

Equipped with two independent comparative outputs, and separate sensing modes can be selected for each of them. Since there are two comparative outputs, one of the comparative outputs can even be used for alarm output. In addition, output, which is not being used, can be disabled.

Vacuum breakdown can also be notified during suction applications!

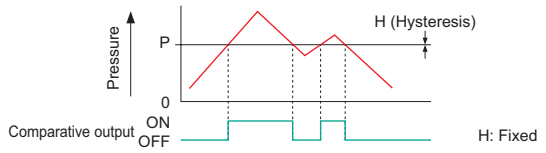


Reference pressure alarm output is possible during reference pressure checking!



① EASY mode

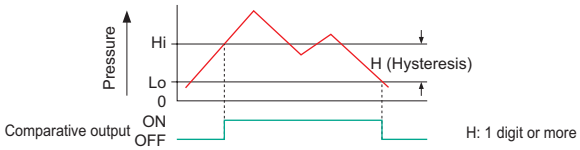
This mode is used for comparative output ON / OFF control.



Notes: 1) Hysteresis can be fixed to one of eight different levels.
2) "P-1" appears in the sub display for comparative output 1, and "P-2" appears for comparative output 2.

② Hysteresis mode

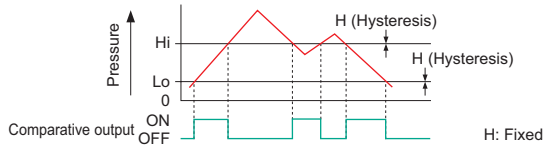
This mode is used for setting comparative output hysteresis to the desired level and for carrying out ON / OFF control.



Note: "Hi-1" or "Lo-1" appears in the sub display for comparative output 1, and "Hi-2" or "Lo-2" appears for comparative output 2.

③ Window comparator mode

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



Notes: 1) Hysteresis can be fixed to one of eight different levels.
2) "Hi-1" or "Lo-1" appears in the sub display for comparative output 1, and "Hi-2" or "Lo-2" appears for comparative output 2.

NEW

Possible to switch over analog output and external input

Multi-function type

Multi-function type of Ver. 2 is newly equipped with analog current output, in addition to analog voltage output. Multi-function type that enables the selection of analog output (voltage / current) or external input (auto-reference / remote zero-adjustment) is available. It complies a wide range of applications.