Compendium of Other Series preparation unit

P228	Product feature	Photo	P229	Product feature	Photo
SR200 Series Regulator	●Delicate and compact design ●Panel support or be used in pipeline ●Adjustment is reliable and steady. ●Standard and lower pressure type are available ●Port size: 1/8" 1/4"		SDR Series Regulator	●Back pressure structure ●Compact type, cost-effective ●Broad regulating range ●Standard and lower pressure type are available ●Single unit installation ●Port size: M5 1/8" 1/4"	
P231	Product feature	Photo	**P232**	Product feature	Photo
ADW Series Drip leg drain	●The float is with lever structure ●Low position enables more stable drain ●Large capacity bowl ●Large size inlet port ●Double strainer ●Port size: 3/8" 1/2"		DPS Series Digital Display Pressure Switch	●PNP□ NPN Output type ●Terminal and grommet to be choused ●Wide measurement range ●Higher precision ●Digital Display type Precision and intuitionistic	
P235	Product feature	Photo	**P242**	Product feature	Photo
DPH Series digital display pressure sensor (Analog output)	●PNP、NPN Output type ●Terminal and grommet to be choused ●Wide measurement range ●Higher precision ●Digital Display type Precision and intuitionistic		DPC Series Minitype No Display Pressure Switch	●Wide measurement range ●Easy to install ●Two lines or three lines or NPN/PNP outlet types ●Single button to finish learning setting ●Facility and middle va	
P244	Product feature	Photo	**P245**	Product feature	Photo
GS, GF, GU GP, GV Series Pressure gauge	●Sensitive reaction Can work under low pressure ●Several pressure units to be selected ●Several installation ways ●Several installation accessories to be selected ●Various dimensions of screw thread are available		GVF Series Vacuum filter	●Low pressure loss ,high efficiency in separating water ●5μm and 40μm filtering grade(Optional) ●With fixing bracket ●200/300 Series ●Port size: 1/8" 1/4" 3/8" 1/2"	
P247	Product feature	Photo			
GVR Series Vacuum regulator	●In addition to panel installation, the bracket is optional for installation. ●Suitable to adjust the vacuum pressure. ●The pressure regulation is stable, the drift is small and the pressure characteristic is good. ●Port size: 1/8" 1/4" 3/8"				

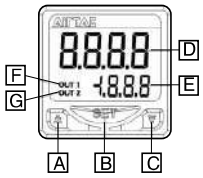
Installation and application

1. Check whether the components have been damaged during transportation before installing and using.
2. Pay attention to whether the flow direction of air (notice "→" direction) and thread type are correct.
3. Please notice whether installation condition accords with technical requirements (such as "working pressure" and "applied temperature range").
4. The medium used or installation environment shall be noticed. The matters with chlorine, carbon compound, aromatic compound and oxidizing acid and alkali shall be avoided to prevent the damage of bowl and oil bowl.
5. Regularly clean or change filter core. Lubricators and regulators shall be in descending order.
6. Keep dust away. The dust cover shall be installed in intake and outlet when the device is dismantled and stored.

DPS Series digital display pressure switch

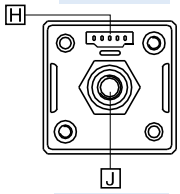
Symbol

User interface Instruction

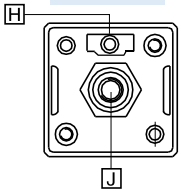


No.	Item
A	Value up button
B	Setting button
C	Value Down button
D	Pressure display area
E	Set pressure display area
F	Output 1 indicator light
G	Output 2 indicator light
H	Power and signal connector
J	Pressure input

Terminal



Grommet



Specification

Input power	Voltage	12~24 VDC ± 10% Ripple(p-p)＜10%
Pressure range	Fluid	Non-corrosive gas
	Measurement range	DPSN1(P1)-01：－100kPa~100kPa
		DPSN1(P1)-10：－100kPa~1,000kPa
	Withstand pressure	DPSN1(P1)-01：200kPa
		DPSN1(P1)-10：1500kPa
	Measurement error	±2%F.S.， ±1digit(Temperature:25±3℃)
	Repetitive accuracy	±0.2%F.S.
	Temperature error	±3%F.S.(Base 25℃， Range 0 to 50℃)
Display	Type	Double row LCD display,4-digit measurement, 3.5-digit setting
	Color	2-color LCD (Red/Green)
	Display period	100ms、250ms、500ms、1,000ms
Output	Output group	DPSN1:Built-in two sets of NPN output
		DPSP1:Built-in two sets of PNP output
	Transistor output	NPN:Maximum applied voltage 30V/100mA,Retained voltage <1.5V
		PNP:Maximum applied voltage 30V/100mA,Retained voltage <1.5V
	Output delay time	2ms、20ms、50ms、100ms、250ms、500ms 1,000ms、2,500ms、5,000ms
	Hysteresis	DPSN1(P1)-01：0.1、0.2、0.3..... 0.8(kPa)
		DPSN1(P1)-10：1、2、3..... 8(kPa)
	Output mode	Basic mode, Hysteresis mode, Window comparator mode
Pressure Unit	DPSN1(P1)-01	kPa、kgf/cm^2、bar、psi、mmHg、inHg
	DPSN1(P1)-10	MPa、kPa、kgf/cm^2、bar、psi、cmHg、inHg
Vibration resistance		10 to 500Hz with 10mm Amplitude in X, Y, Z directions for 2hrs
Impact resistance		Maximum 100m/s^2 , X, Y, Z directions 3 times each
Operating Temp. range		0~50℃
Stored Temp. range		-20~65℃
Humidity range		35%~80% RH(No condensation)

Ordering code

DPS N1 □–01 020 □

① ② ③ ④ ⑤ ⑥

①Model	②Output type	③Electrical entry	④Measurement range	⑤Lead wire length	⑥Piping specifications
DPS: Digital Display Pressure Switch	N1: NPN P1: PNP	Space: Plug-in connector B: Pre-wired type [Note1]	01: -100kPa~100kPa 10: -100kPa~1,000kPa	020: Length 2m 030: Length 3m 050: Length 5m C08:150mm with M8 plug connector[Note2]	Space: PT 1/8 with M5 female thread T: Male thread NPT1/8; female thread: 10-32UNF G: Male thread G1/8； female thread: M5

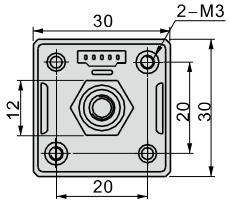
[Note1] The safety grade of pre-wired type is IP63.
[Note2] There is no plug-in connector type for C08. The sockets of C08 need additional order. Please check on the right.

Ordering code of Socket F – DPS C08 4 020

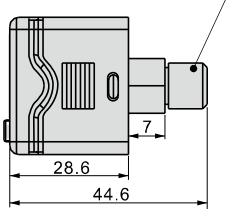
Catagory code	F： Accessory
Specification code	DPS: Digital Display Pressure Switch
Socket type	C08:M8 socket
Wire type	4: 4-wire type
Wire length	020: 2 meters 030:3meters 050:5meters

Dimensions

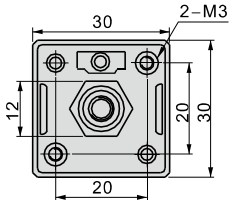
Plug-in connector



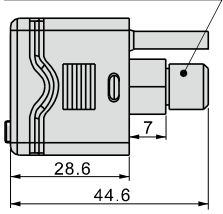
Piping specifications:
Space: PT 1/8 with M5 female thread
T: Male thread NPT1/8； female thread: 10-32UNF
G: Male thread G1/8； female thread: M5



Pre-wired type



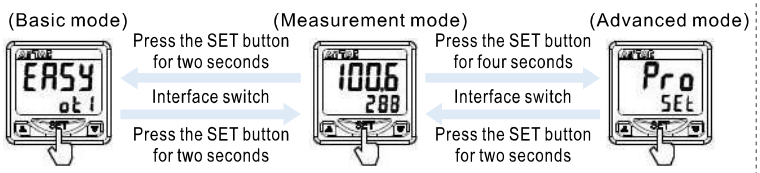
Piping specifications:
Space: PT 1/8 with M5 female thread
T: Male thread NPT1/8； female thread: 10-32UNF
G: Male thread G1/8； female thread: M5



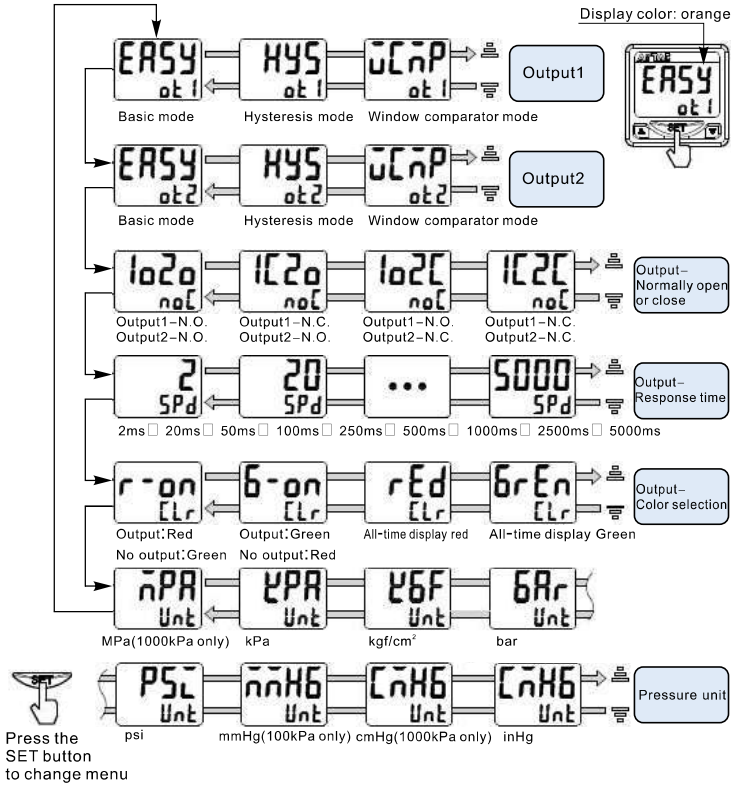
DPS Series digital display pressure switch

User Interface Instructions

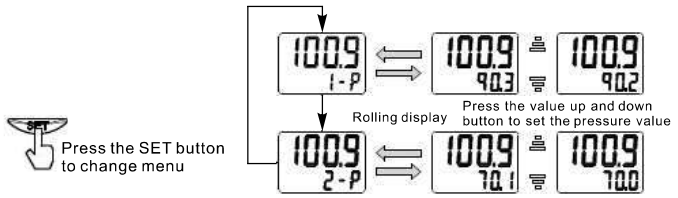
1. Mode switch



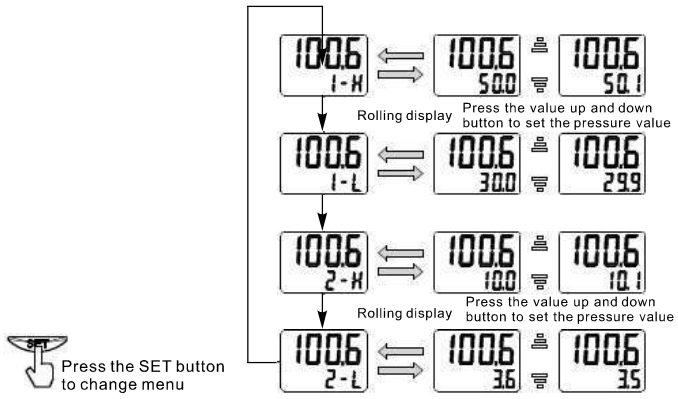
2. Basic mode



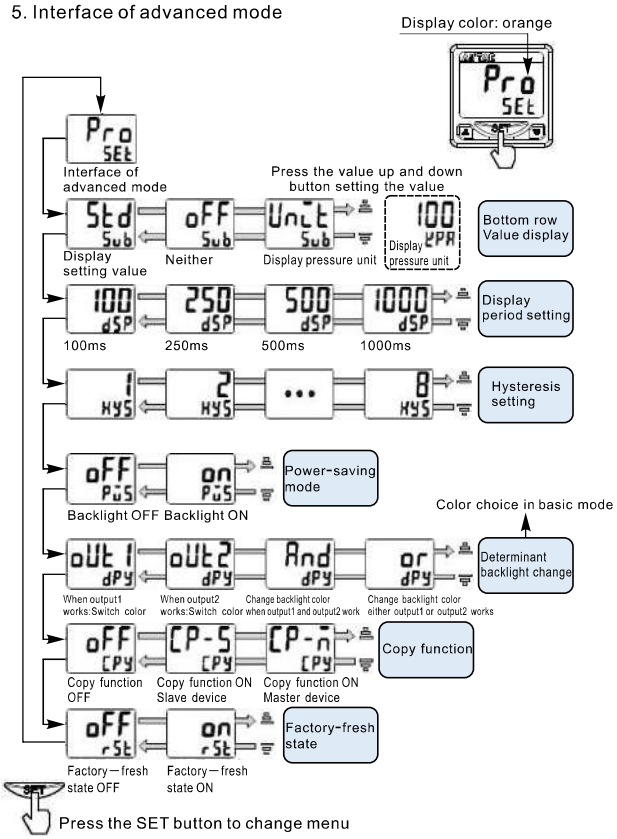
3. Base mode pressure setting



4. Hysteresis /window comparator mode



5. Interface of advanced mode



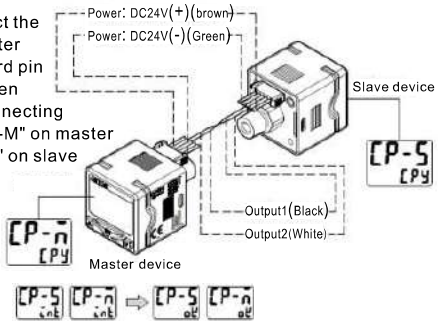
6. Copy function

6.1. Hardware:Connect the second pin of master device with the third pin of slave device, then power on after connecting

6.2. Software:Set "CP-M" on master device. Set "CP-S" on slave device.

6.3. Icon of copy completed Repeat step 1 and 2 if copy failed.

6.4.Turn off the power, disconnected devices and restart it after setting



7. Zero-Clear Function

Press up and down simultaneously to reset the display value to zero.

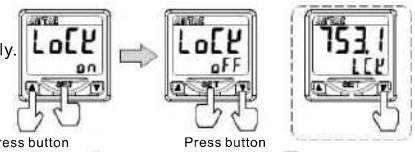
Press button simultaneously

8. Key lock Function

8.1. Press up and the set button simultaneously. Release it when the display turns to "LoCK on".

8.2. Press down and the set button simultaneously. Release it when the display turns to "LoCK oFF".

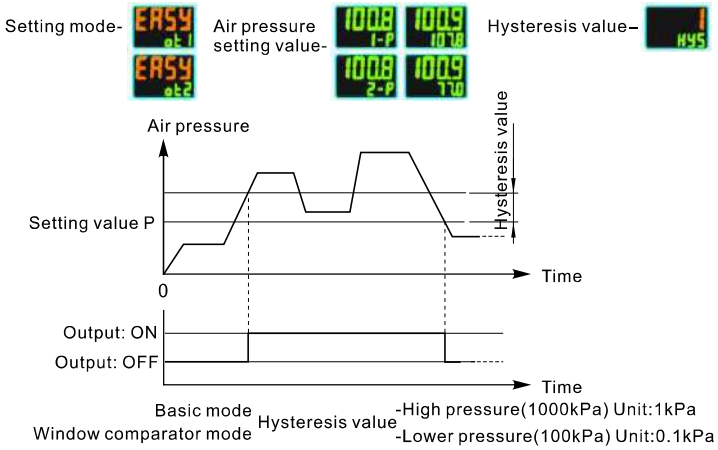
8.3. Press any button will display "LCK" in lock on mode.



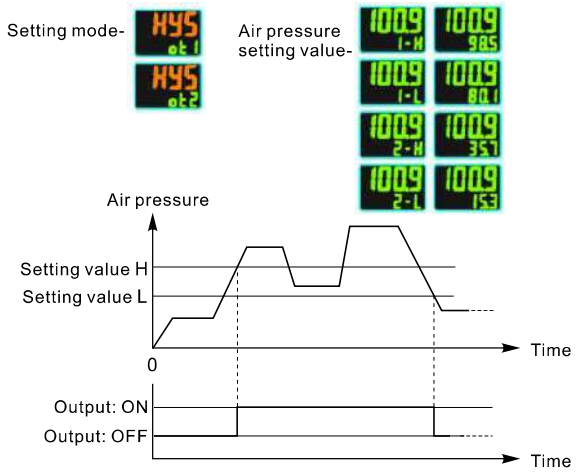
DPS Series digital display pressure switch

Output mode

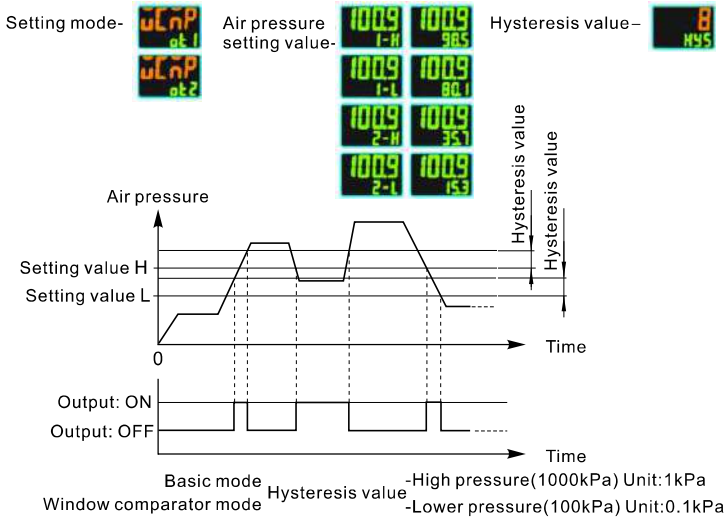
1. **Basic mode:** Air pressure setting value 'P'. When air pressure large then (Setting value P+Hysteresis value), the output is 'NO'□ When air pressure less than setting value 'P' , the output is 'OFF'.



2. **Hysteresis mode:** Air pressure setting value 'H/L'. When air pressure large then setting value 'H', the output is 'NO'□ When air pressure less than setting value 'L' , the output is 'OFF'.

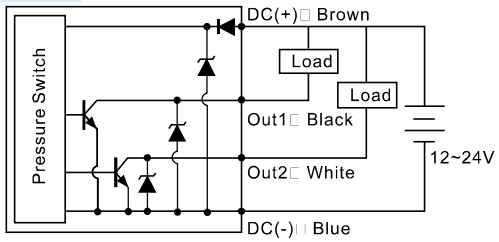


3. **Window comparator mode:** Air pressure setting value 'H/L'. When air pressure large then value 'H' or less then value 'L' , the output is 'OFF'□ When air pressure large then value 'L' and less than value 'H' , the output is 'ON'.

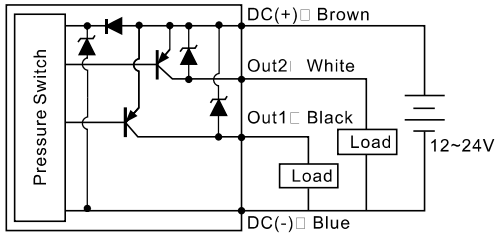


Connection Example

NPN Output



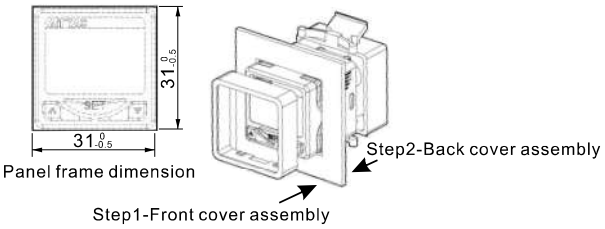
PNP Output



Dimensions/Assembly Instruction

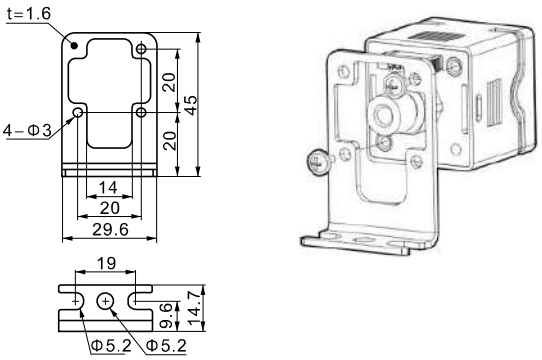
Panel mount adapter + Front protective cover

Order the Install accessories (Ordering code: F-DPSEB)



Bracket

Order the Install accessories (Ordering code: F-DPSLB)



Notes

1. Do not drop、knock or apply excessive impact while handling. Otherwise could cause damage and a malfunction.
2. The tensile strength of the cord is 60N. Applying a greater pulling force on it can cause a malfunction.
3. Do not exceed the screw-in torque of 7N.m when installing piping. Exceeding this value may cause malfunctioning of the sensor.
4. Do not use it with corrosive and/or flammable gases or liquids.
5. Please use it within rated pressure range.
6. Turn off the power before connecting the wires.
7. Don't use in an environment with spattering liquid of oil or solvent.
8. Separate power lines from high voltage lines, avoiding wiring in the same conduit with these lines.

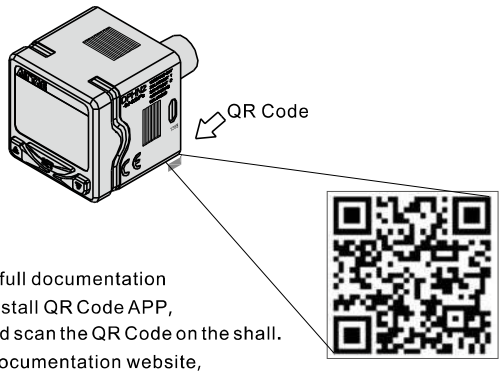
DPH Series digital display pressure sensor(Analog output)

Specification

Model	DPHN2(3)(B)-01 / DPHP2(3)(B)-01 / DPHN2(3)(B)-10 / DPHP2(3)(B)-10	
Input power	Voltage	12~24 VDC ± 10% Ripple(p-p)＜10%
	Current Consumption	40mA or less
Pressure range	Fluid	Non-corrosive gas
	Measurement range	DPHN2(3)(B)-01/DPHP2(3)(B)-01：−15psi~15psi
		DPHN2(3)(B)-01/DPHP2(3)(B)-10：−15psi~150psi
	Withstand pressure	DPHN2(3)(B)-01/DPHP2(3)(B)-01：−15psi~22psi
		DPHN2(3)(B)-01/DPHP2(3)(B)-10：−15psi~175psi
	Measurement error	±2%F.S.，±1digit(Temperature:25±3℃)
	Repetitive accuracy	±0.2%F.S.
	Temperature error	±3%F.S.(Base 25℃，Range 0 to 50℃)
Display	Type	4-digit measurement, 3.5-digit setting
	Output	LCD Analog and Double row LCD display
	Color	2-color LCD (Red/Green)
Switch Output	Output model	Basic mode, Hysteresis mode, Window comparator mode Suction check mode, Leakage mode
	Transistor output	NPN:Maximum applied voltage 30V/100mA,Retained voltage <2V
		PNP:Maximum applied voltage 30V/100mA,Retained voltage <2V
	Analog Voltage Output	1 to 5V±3% F.S. (Minimum load impedance 1kΩ)
	Analog Current Output	4 to 20mA±3% F.S.(Range of Load impedance is 50 ~ 260Ω)
	Output-delay time	2ms, 20ms, 100ms, 500ms, 1000ms, 2000ms
Pressure Unit	DPHN2(3)(B)-01 DPHP2(3)(B)-01	kPa、kgf/cm²、bar、psi、mmHg、inHg
	DPHN2(3)(B)-10 DPHP2(3)(B)-10	MPa、kPa、kgf/cm²、bar、psi、cmHg、inHg
Vibration resistance		10 to 500Hz with 10mm Amplitude in X, Y, Z directions for 2hrs
Impact resistance		Maximum 100m/s², X, Y, Z directions 3 times each
Operating Temp. range		0~50℃
Stored Temp. range		-20~65℃
Humidity range		35%~80% RH(No condensation)

Symbol

On-line Manual



Get full documentation
1. Install QR Code APP, and scan the QR Code on the shall.
2. Documentation website, http://www.airtac.net/OM/main.htm.

Ordering code

DPH N2 □ − 01 020 □

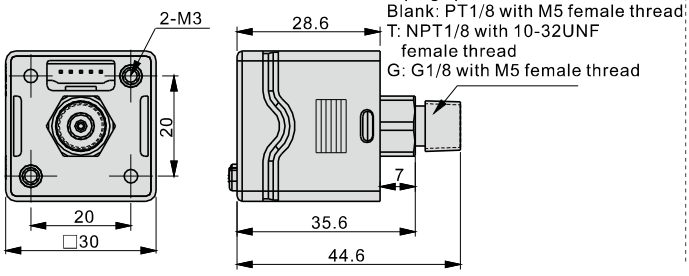
1 2 3 4 5 6

①Model	②Output type	③Electrical entry	④Measurement range	⑤Lead wire length	⑥Piping specifications
DPH: Digital Display Pressure Sensor (Analog output)	N2: NPN+Analog voltage output(1-5V) P2: PNP+Analog voltage output(1-5V) N3: NPN+Analog current output(4-20mA) P3: PNP+Analog current output(4-20mA)	Space: Terminal B: Grommet [Note]	01: -100kPa~100kPa 10: −100kPa~1,000kPa	020: Length 2m 030: Length 3m 050: Length 5m	Blank: PT1/8 with M5 female thread T: NPT1/8 with 10-32UNF female thread G: G1/8 with M5 female thread

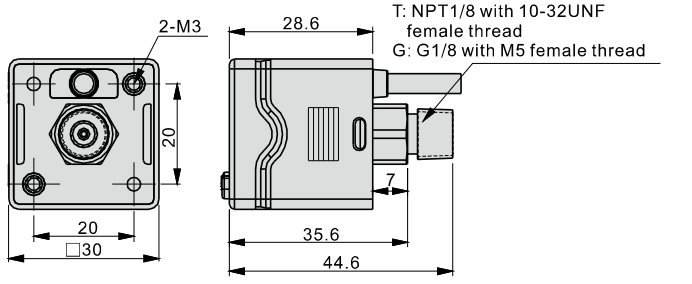
[Note] The safety grade of grommet type is IP63.

Dimensions

Terminal

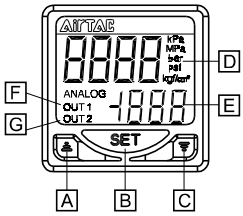


Grommet

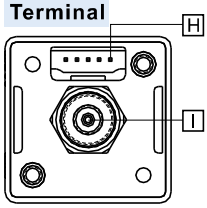


DPH Series digital display pressure sensor(Analog output)

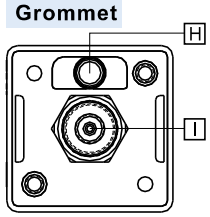
User interface Instruction

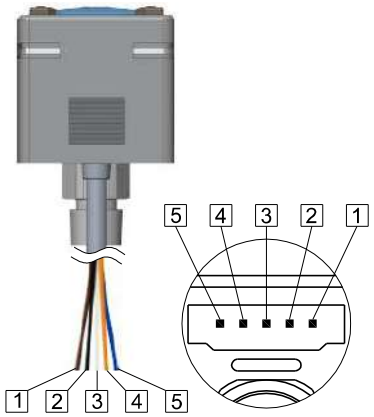


Terminal



Grommet

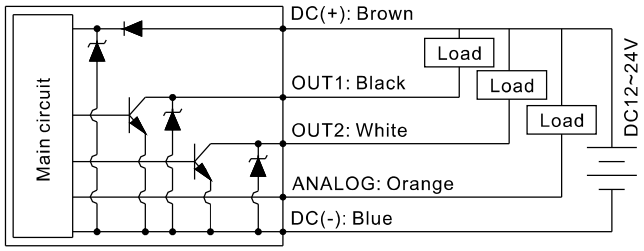




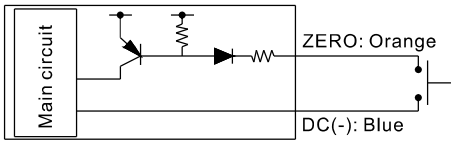
No.	Item
A	Value up button
B	Setting button
C	Value Down button
D	Pressure display area
E	Set pressure display area
F	Output 1 indicator light
G	Output 2 indicator light
H	Power and signal connector
I	Pressure input
1	DC(+) input (Brown)
2	OUT1 (Black)
3	OUT2 (White)
4	Analog/Zero (Orange)
5	DC(-) input (Blue)

Connection Example

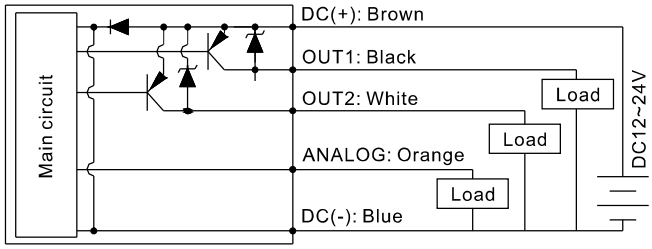
NPN Output



Zero-shift Input



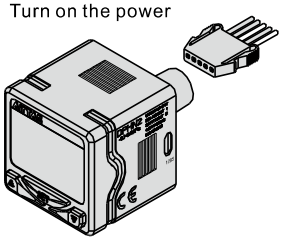
PNP Output

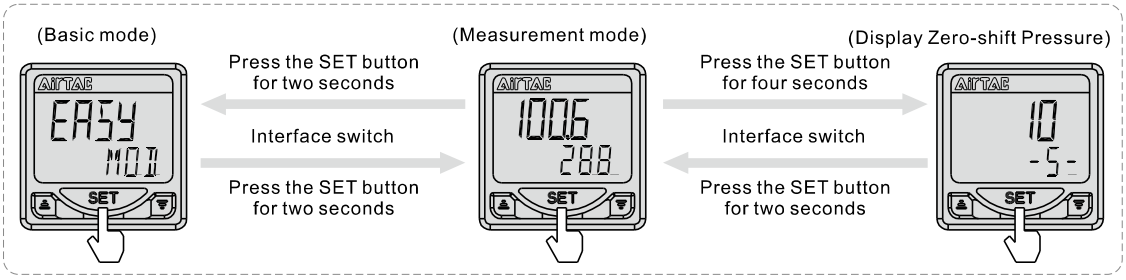


User Interface Instructions

1. Mode switch

Install the connector
Turn on the power

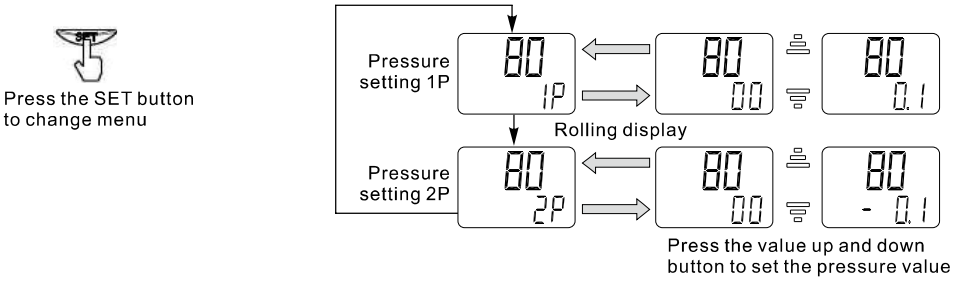




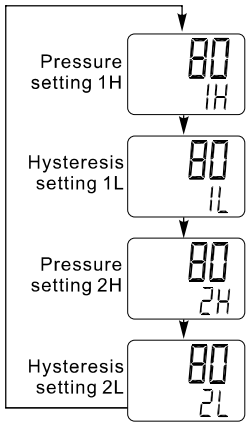
DPH Series digital display pressure sensor(Analog output)

2. Measurement mode

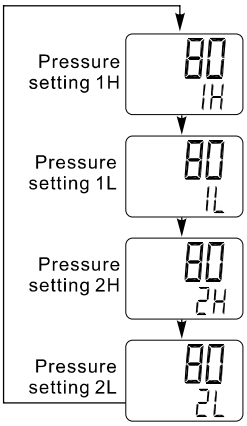
Interface of Basic mode



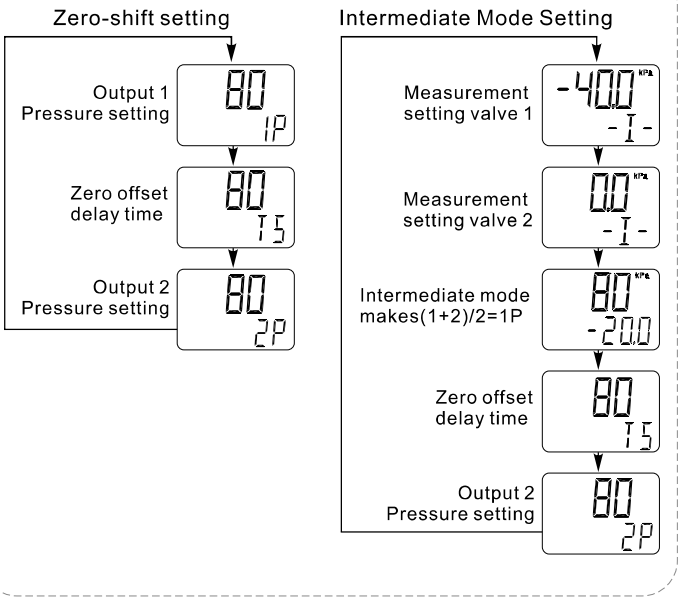
Interface of Hysteresis mode



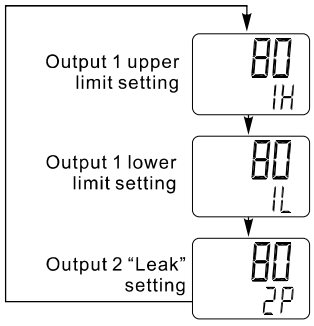
Interface of Window mode



Interface of Suction check mode

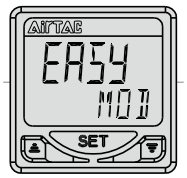


Interface of Leak mode



DPH Series digital display pressure sensor(Analog output)

3. Basic mode



Interface of Basic mode

Press the value up and down button setting the value

EASY MOD — Basic mode
HYS. MOD — Hysteresis mode
WIN. MOD — Window comparator mode
SUC. MOD — Suction check mode
LEAK MOD — Leakage mode
Measurement mode

ANA A/Z — Analog voltage output
ZERO A/Z — Zero-shift input
Analog voltage output/Zero-shift input (Displayed in Basic,Hysteresis,Window mode only)

ZERO Z/I — Zero-shift input
INT. Z/I — Intermediate mode
Zero-shift input/Intermediate mode (Displayed in Suction check mode only)

1020 O/C — Output1-N.O. Output2-N.O.
1C20 O/C — Output1-N.C. Output2-N.O.
102C O/C — Output1-N.O. Output2-N.C.
1C2C O/C — Output1-N.C. Output2-N.C.
Output-N.O./N.C.

2 DLY — 2ms
20 DLY — 20ms
100 DLY — 100ms
500 DLY — 500ms
1000 DLY — 1s
2000 DLY — 2s
Output delay time

KPA UNIT — kPa
MPA UNIT — MPa
BAR UNIT — bar
PSI UNIT — psi
KGF UNIT — kgf/cm²
MMHG UNIT — mmHg (100kPa only)
CMHG UNIT — cmHg (1000kPa only)
INHG UNIT — inHg
Pressure unit

R-ON LED — Output: Red No output: Green
G-ON LED — Output: Green No output: Red
RED LED — All-time display red
GREEN LED — All-time display green
Output color selection

SET S/H — Setting
PEAK S/H — Peak hold
BOT S/H — Bottom hold
P/B S/H — Interactive display Peak/Bottom hold
Setting/Peak /Bottom hold

100 DSP — 100ms
250 DSP — 250ms
500 DSP — 500ms
1000 DSP — 1000ms
Display period setting

OFF ECO — Power saving mode off
ON ECO — Power saving mode on
Power saving mode (without pressing more than 2 minutes)

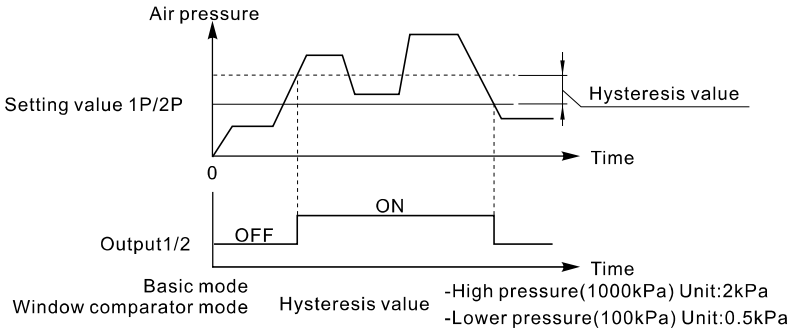
OFF RST — Don't reply to the original setting
ON RST — Reply to the original setting
Reply to the original setting

20 MPa 30 — Back to measurement mode

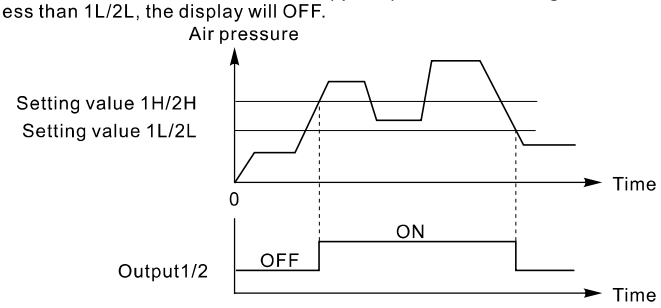
DPH Series digital display pressure sensor(Analog output)

Output mode description

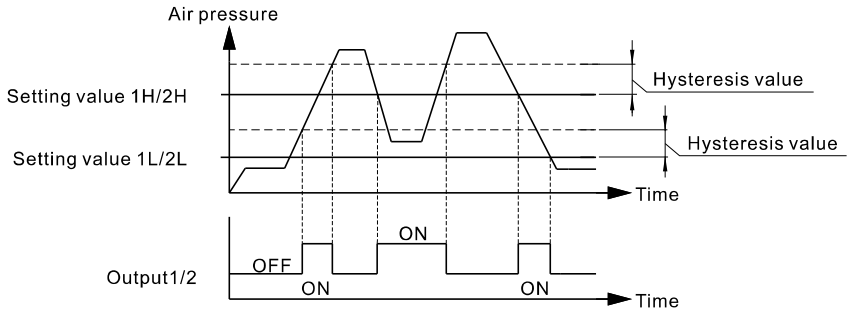
1. Basic mode: Set the pressure value 1P/2P. When the applied pressure value is greater than 1P/2P + hysteresis value, the display will ON.
When the applied pressure value is less than P + hysteresis value, the display will OFF.



2. Hysteresis mode: Set the pressure value 1H/2H/1L/2L. When the applied pressure value is greater than 1H/2H, the display will ON.
When the applied pressure is less than 1L/2L, the display will OFF.



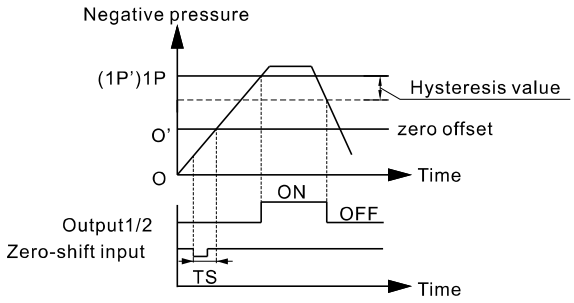
3. Window comparator mode: Set the pressure value H/L. When the pressure is greater than the H value or less than the L value, the output is OFF; when the air pressure is greater than the L value and less than the H value, the output is ON.

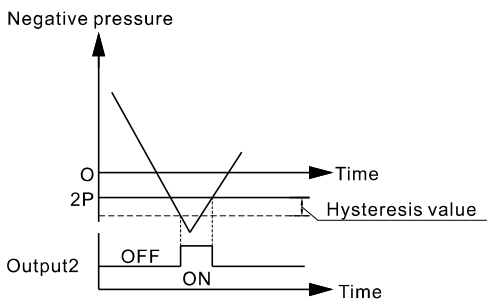


4. Suction check mode: Generally used for suction check detection applications. After the zero-shift signal is triggered, the zero-shift is completed after the TS time.

- TS: Zero-shift delay time.
- 1P: "Pressure" setting value of output 1 before zero-shift (or without zero-shift).
- 1P': Output 1 after zero-shift. Relative to the reference value of the suction starting point pressure (zero offset point).
- 2P: Pressure setting of output 2.

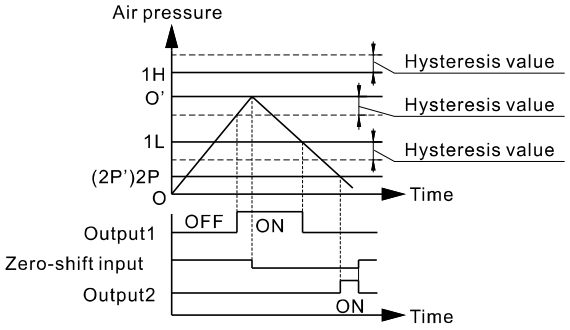
□ Output 1: Suction pressure detection,
In (N.O.) mode, the output 1 is ON when the measured pressure value is less than the setting value 1P (1P');
Without zero-shift input, output 1 ON/OFF judgment based on 1P, which is the suction pressure setting value relative to atmospheric pressure.
With a zero-shift input, output 1 ON/OFF judgment based on 1P', which is the reference setting value with relative to the zero-shift point.
□ Output 2: Vacuum plate break detection. In (N.O.) mode, output 2 turns ON when the air pressure is greater than the setting value 2P.





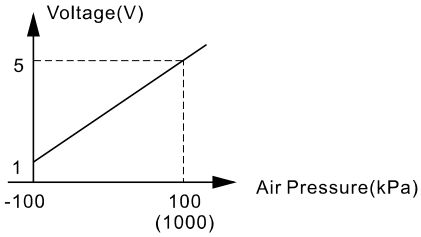
5. Leakage Mode: Generally used for leak detection applications.
The zero-shitf is completed after the zero-shift signal is triggered

◇1H: Output 1 upper limit setting value; 1L: Output 1 lower limit setting value.
◇2P(2P'): Output 2's "Leak" setting (Negative value).
□ Output 1: Fill pressure detection. In the normally mode, output 1 is ON when the pressure is between 1H and 1L
□ Output 2: Leakage detection. when only the zero-shift input, it will make output 2 ON/OFF judgment; In the normal mode, Output 2 is ON. when the leakage is greater than the setting value 2P (2P ').



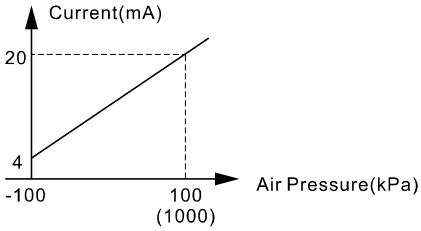
6. Analog output

6.1) Analog Voltage Output (1-5V)



◆In the analog voltage output mode, the orange line should pay attention to the following wiring:
1.Don't directly connect 0V or any bias voltage under no load to avoid internal circuit damage.
2.The minimum load impedance needs to be >1kΩ (Don't float) to avoid distortion of the output voltage.

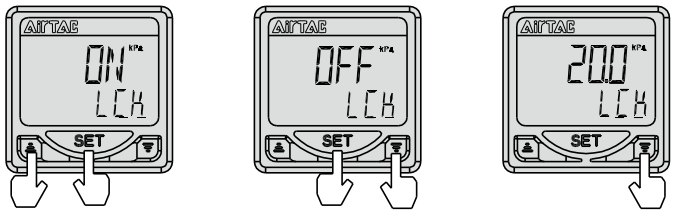
6.2) Analog Current Output (4-20mA)



◆In the analog current output mode, the orange line should pay attention to the following wiring:
1.Don't directly connect 0V or any bias voltage under no load to avoid internal circuit damage.
2.The range of load impedance is 50Ω to 260Ω. (Don't float) to avoid distortion of the output current.

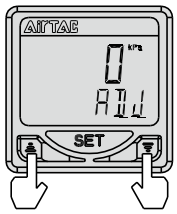
7. Key lock Function

Lock: Press and the SET button simultaneously. Release it when the display turns to "LCK on".
Unlock: Press and the SET button simultaneously. Release it when the display turns to "LCK OFF".
Press any button will display "LCK" in lock on mode.



8. Zero-Clear Function

Press and simultaneously to reset the display value to zero.



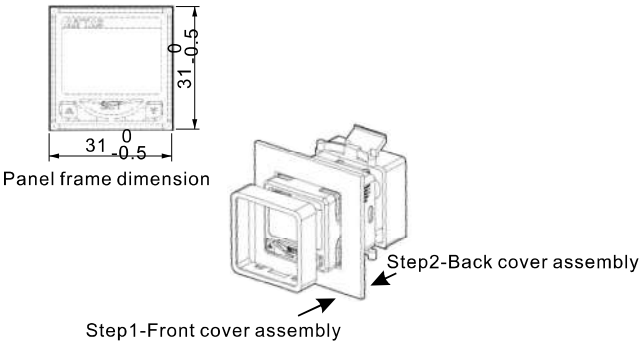
Press and simultaneously.

DPH Series digital display pressure sensor(Analog output)

Dimensions/Assembly Instruction

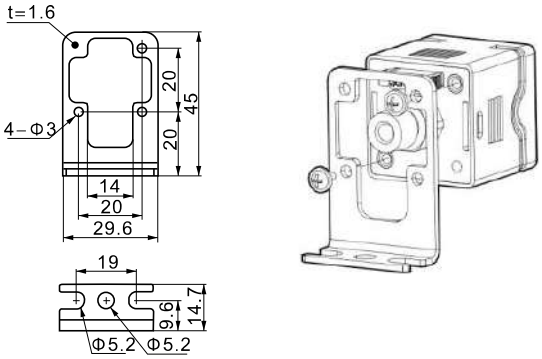
Panel mount adapter + Front protective cover

Order the Install accessories (Ordering code: F-DPSEB)



Bracket

Order the Install accessories (Ordering code: F-DPSLB)



Notes

1. Do not drop, knock or apply excessive impact while handling. Otherwise could cause damage and a malfunction.
2. The tensile strength of the cord is 60N. Applying a greater pulling force on it can cause a malfunction.
3. Do not exceed the screw−in torque of 7N.m when installing piping. Exceeding this value may cause malfunctioning of the sensor.
4. Do not use it with corrosive and/or flammable gases or liquids.
5. Please use it within rated pressure range.
6. Turn off the power before connecting the wires.
7. Don't use in an environment with spattering liquid of oil or solvent.
8. Separate power lines from high voltage lines, avoiding wiring in the same conduit with these lines.

DPC Series minitype no display pressure switch

Symbol

Product feature

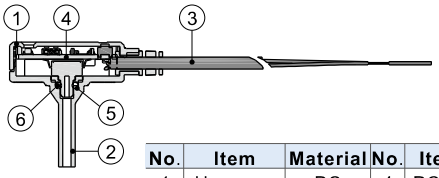
1. Larger measurement range. Easy to install.
2. Two lines type or three lines type(NPN/PNP output mode) to be chosen.
3. Single button to finish learning setting. Normally close and normally open can be exchanged.
4. Two kinds of setting mode(Simple mode and middle value mode) to be chosen.

Specification

Item\Model	DPC	DPCN	DPCP
Voltage	DC24V±10%	DC12~24V±10%	
Pressure range	DPC□10：−100kPa~1000kPa; DPC□01：-100kPa~100kPa		
Applied fluid	Air、Non-corrosive gas、Incombustibility gas		
Repetitive accuracy	±0.7%F.S		
Temperature accuracy	±2.5%F.S		
Hysteresis	<2%F.S		
Operating Temp. range	0~60℃		
Output style	5~40mA	30V/100mA Max.	
Voltage drop	5.5V Max.	0.7V Max.	
Method of adjusting pressure	Learning button		
Leakage current	1.0mA Max.		
Stored Temp. range	−20~75℃		
Tube O.D.	Φ4mm，Φ6mm，Φ1/4"		
Special function	Two sets model、NO/NC switch		
Production circuit	Power reverse polarity，surge suppression		
Protection	IP40		

[Note1] Two lines type be used under DC20V, leakage current might excess 1mA to lead PLC damage and error acting.
[Note2] If relay be used as joint points, capacitance(>50V/100uF) should be used to recede leakage current.

Inner structure



No.	Item	Material	No.	Item	Material
1	Up cover	PC	4	PCBA	
2	Basic seat	PC+ABS	5	Gasket	POM
3	Wire Line	PVC	6	O-ring	NBR

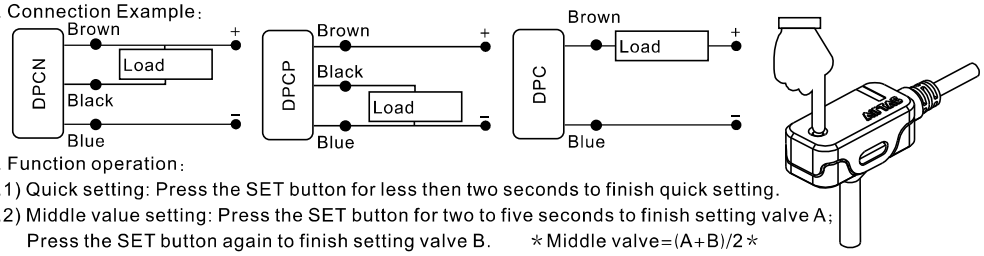
Ordering code

DPC □ − □ □ □

① Model	② Output type	③Measurement range	④Lead wire length	⑤Tube O.D.
DPC: Minitype no display pressure switch	Blank: Two-lines N: NPN P: PNP	01：-100kPa~100kPa 10：-100kPa~1000kPa	020: Length 2m 030: Length 3m 050: Length 5m	D4：Φ4mm D6：Φ6mm 08：Φ1/4"

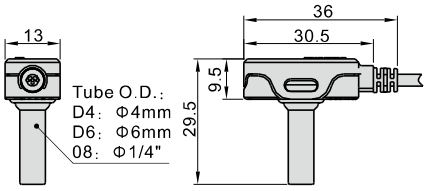
Installation and application

1. Connection Example:



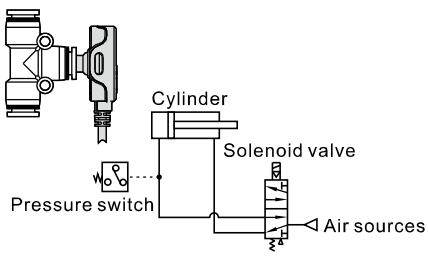
2. Function operation:
2.1) Quick setting: Press the SET button for less then two seconds to finish quick setting.
2.2) Middle value setting: Press the SET button for two to five seconds to finish setting valve A; Press the SET button again to finish setting valve B. ＊Middle valve=(A+B)/2＊
2.3) N.O./N.C. switch: Press the SET button for six to ten seconds to finish N.O./N.C. switching.
2.4) Lock/Unlock switch: Press the SET button for eleven to twenty seconds to finish Lock/Unlock switching.
2.5) Factory−fresh state: Press the SET button for over twenty seconds to return factory-fresh state.
3. Notes:
3.1) Avoid dropping, beating, impacting which might damage DPC and bring error acting.
3.2) Wire line drawing force is 30N, more then this force might damage it.
3.3) Causticity or flammability gas and liquid can't be used.
3.4) Can't binding with power wire line and higher voltage wire line when wiring.
3.5) If use DPC to drive relay, solenoid valve directly which easy create overrun voltage load, the overrun voltage absorb unit should be set.

Dimensions

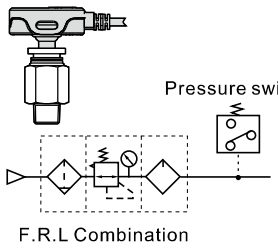


Use example

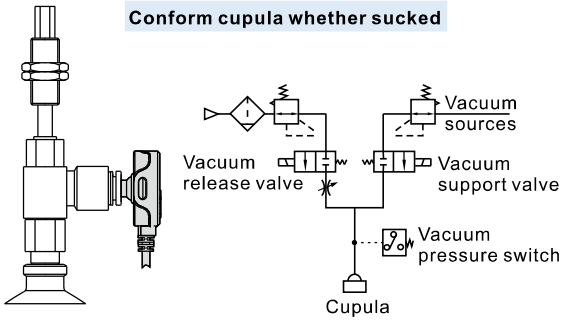
Check cylinder pressure



Conform air sources pressure



Conform cupula whether sucked



DPC Series minitype no display pressure switch

Cresset explanation

● Invariance light ✸ Coruscate quickly(Per 0.1 sec.) ✸ Coruscate(Per 1 sec.) ● Slowness coruscate(Per 3 sec.)

Simple mode			Middle value mode		
Light station	DPC station		Light station	DPC station	
✸	Red(continuance 1 sec.): N.O. mode Green(continuance 1 sec.): N.C.mode	Finished setting action	✸	Red(continuance 1 sec.): N.O. mode Green(continuance 1 sec.): N.C.mode	Finished setting air pressure value
●	Red N.O. mode, Sense value>Setting value Green N.C. mode, Sense value<Setting value		✸	Red N.O. mode Green N.C. mode	Wait to press
●	Red N.O. mode, Sense value<Setting value Green N.C. mode, Sense value>Setting value		●	Red N.O. mode, Sense value>Setting value Green N.C. mode, Sense value<Setting value	
			●	Red N.O. mode, Sense value<Setting value Green N.C. mode, Sense value>Setting value	

To be continued mode		Overrun caution	
Light station	DPC station	Light station	DPC station
✸	Red and green counterchange: DPC wait to set	✸	Red and green alternating coruscate: Overrun caution

Operation explanation

Simple mode setting

Current air pressure
↓
Press the SET button less then two seconds
↓
N.O Mode ✸ Red(Incessancy one second)
N.C Mode ✸ Green(Incessancy one second)
↓
Finished setting air pressure= current air pressure

Middle value mode setting

Current air pressure PI
↓
Press the SET button two to five seconds
↓
N.O Mode ✸ Red(Incessancy one second)
N.C Mode ✸ Green(Incessancy one second)
↓
Self-recording air pressure A=current air pressure PI
↓
Wait for recording air pressure B
N.O Mode ✸ Red
N.C Mode ✸ Green
↓
Current air pressure PII
↓
Press the SET button
↓
N.O Mode ✸ Red(Incessancy one second)
N.C Mode ✸ Green(Incessancy one second)
↓
Self-recording air pressure B=current air pressure PII
↓
Finished setting air pressure=(A+B)/2

N.O./N.C. Mode switch

Press the SET button six to ten seconds

Reset(Return to normal station)

Press the SET button more than ten seconds

	Normal value
Setting value	0kPa
N.O./N.C. Mode	N.O.
Lock/Unlock	Unlock

Lock/Unlock Mode

1. Lock: To be continued more then 120 seconds□ self-lock
2. Unlock: Press the SET button two seconds□ self-unlock

* Differentiate the button whether "Lock" station quickly

Press the SET button less than two seconds → ● Whether red and green light simultaneity bright → Yes → Lock / No → Unlock

N.O. Mode
- Sense value>Setting value → ● Red
- Sense value<Setting value → ✸ Red

N.C. Mode
- Sense value<Setting value → ● Green
- Sense value>Setting value → ✸ Green

[Note] Overrun caution

(1) –100kPa~100kPa:
When air pressure lower or higher than measurement range, the red light and green light will alternating coruscate quickly, please resume to measurement range.

(2) –100kPa~1000kPa:
When air pressure lower or higher than measurement range, the red light and green light will alternating coruscate quickly, please resume to measurement range.