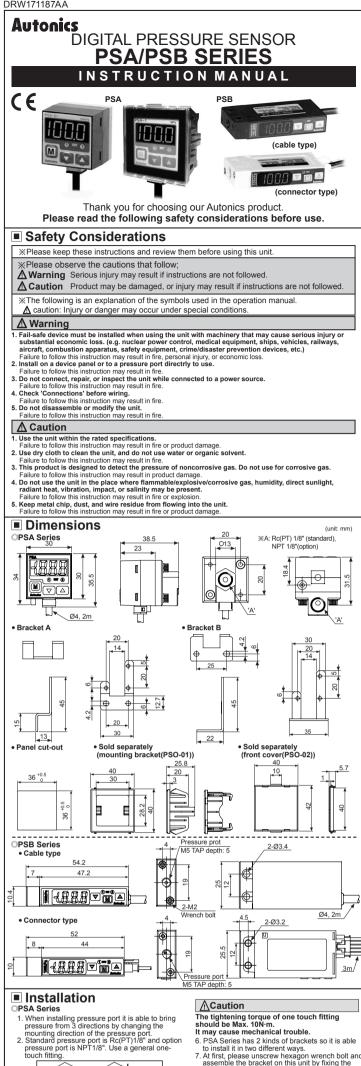
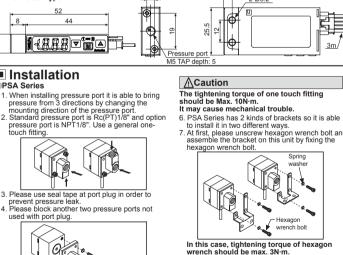
DRW171187AA





In this case, tightening torque of hexagon wrench should be max. 3N m. It may cause mechanical trouble.

in accordance with sensing.

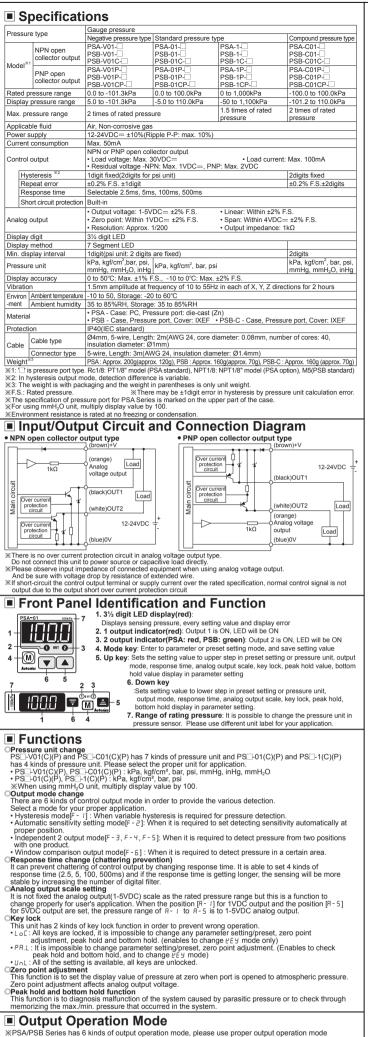
Pressure

OUT1 ON OFF OUT2 ON OFF

552

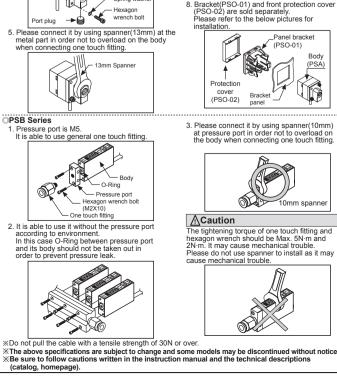
Hysteresis mode[F - 1] It can be set for pressure sensing level [5± 1] and sensing differences [5±2].

• Independent 2 output mode[F - 3, F - 4, F - 5]



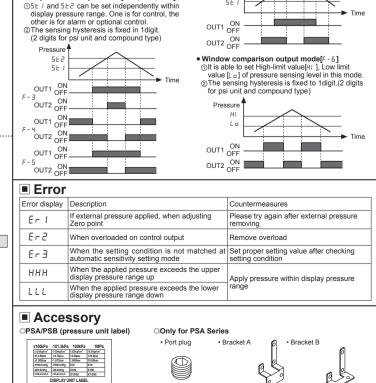
Analog output scale ess 🕅 key Output operation mode setting Response Key lock Display output scal unit setting (1VDC) setting (5VDC) tting setting setting Press M key Sensing level 2 setting (5 ± 2, HI) Sensing level 1 setting (5E I, Lo) ► Press key over 3sec. Bottom hold Peak hold hold Press 🛡 + 🔺 Zero point key over 1sec. Zero point adjustment adjust -ment OPreset value setting Zero point adjustment Set the pressure sensing level.
 Set preset value after unlocking key lock when key lock function is set. In state of atmospheric pressure during RUN mode, press ▼ key and ▲ key at the same time for over 1sec. 1sec.
2. When the zero point adjustment is completed, it will display <u>□</u> and return to RUN mode automatically.
%If executing zero point adjustment when external pressure has been applied. *E* r / will be flashing. Please execute zero point again in state of exterospheric execute. (please refer to the key lock setting) 3. Be sure that the setting method is different by each output operation mode. When hysteresis mode [F - 1] and independent 2 output mode [F - 3, F - 4, F - 5] atmospheric pressure. Please execute zero point adjustment regularly. RUN mode OParameter setting **↓** M Set to pressure display unit, output operation mode, response time(chattering prevention), analog output scales or key lock. Pressure sensing level 1 5E | and previous set sensing level 1 flash in 0.5se Please set parameter after unlocking key lock by turns. Set the pressure sensing level 1 by () or () key. function when key lock function is set ● Set range: Min. display pressure < 5上 / ≤ Max. display pressure (Press [M] key momentarily, sensing level 1 will be saved, then move to the next mode.) (please see below key lock setting) RUN mode Press M key over 3 sec Display unit [Unt] ∎ ∎ Pressure sensing level 2 nE and previously set unit will flash in turn every 0.5 sec 5 E2 and previous set sensing level 2 flash in 0.5se Press A or key to select the unit by turns.
Set the pressure sensing level 2 by ▲ or ♥ key. %Negative pre ssure, compound pressu $\begin{array}{c} & & & \\ \hline \begin{matrix} & & & \\ (R^2 a) & & \\ (R^2 a) & & \\ (Rg(cm') & (ba) & \\ (as) & \\ (Ba) & \\$ Set range: Hysteresis mode →
 Min. display pressure ≤ 5 L 2 < 5 L 1
 Independent 2 output mode → (psi) (mmHg) (inHg) Min. display pressure Max. display pressure (Press M key momentarily, sensing level 2 will be (KPa) (kgf/cm²) (bar) (psi) (Press M key momentarily, the unit will be saved, then saved, then move to the next mode.) ∎ М move to the next mode.) Returns to RUN mode .↓ M Automatic sensitivity setting mode [F - 2] Output operation mode [oUb] RUN mode • oUL and previous output operation mode will flas by turning on.(0.5sec.) **↓** M Select the output operation mode with (), v key Pressure sensing level 1 5E / and previous set sensing level 1 flash in 0.5s by turns. Apply the required pressure[5E 1] within the rated pressure. Press (a) key shortly one time, current sensing pressure. (Press M) key momentarily, the response time will be saved, then move to the next mode.) pressure is set as sensing level 1.5L / and the set sensing level 1 fash by turn (0.5sec.). Set range: Min. display pressure ≤ 5L / ≤ Max. display pressure-1% of rated pressu Response time [5Pd] • 5Pd and the previous response time will flash by turning on.(0.5sec.) **L** M Pressure sensing level 2 (unit: ms) 5E2 and previous set sensing level 2 flash in 0.5sed (Press M key momentarily, the response time will be by turns. Apply the required pressure[522] within the rated saved, then move to the next mode.) pressure. Press A key shortly one time, current sensing **↓** M Analog output scale (1VDC) [R - 1] pressure is set as sensing level 2.5 b? and the set sensing level1 flash by turn (0.5 sec.). R- I and the previous pressure will flash by turning on.(0.5sec.)
 Set the pressure which will output 1VDC with ▲ ▼ Set range:5₺ 1+1% of rated pressure ≤ 5₺ 2
 ≤Max. display pressure ×If differences of between 5E / and sensing level are key.
Set range : Min. value of rated pressure ≤ [*R*-1] not enough, $E_r \supseteq$ flashes 3 times then retruns to $5 \ge 2$ setting. Please re-execute the setting for the \leq 90% of rated pressure (Press ${\ensuremath{\mathbb M}}$ key momentarily, the selected pressure is condition %It is possible to set repeatedly by key, the last set as 1VDC scales, then move to the next mode.) setting is set as the sensing level 2 ↓ M Analog output scale (5VDC) [8-5] wtomatic sensitivity and fine adjustment • R - 5 and the previous pressure will flash by turning on.(0.5sec.) • Set the pressure which will output 5VDC by (A), (5E2 and sensing level [5EE] flash in 0.5sec. by tu $5EE = \frac{(5EI + 5E2)}{2}$ key. • Set range: [A - 1]+10% of rated pressure ≤ $5EE = \frac{2}{2}$ • Adjust sensing level [5EE] by (a), (b) key, when fine adjustment of the sensing level [5EE] is required. (adjustment range: between 5Ei and 5E2) [$P_1 - 5$] SMAx, value of rated pressure a [$P_1 - 5$] SMAx, value of rated pressure (Press (**M**) key momentarily, the selected pressure is set as 5VDC scales, then move to the next mode.) **–** M **I** M Returns to RUN mode Key lock [HEB] When checking the value of sensing level 1, 2 [5 ↓ 1, 5 ± 2] and automatic sensitivity setting value[5 ₺ ↓, press
 we shortly and continuously.
Example of the setting in automatic sensitivity setting mode (to check absorption of component by vacuum pressure): The state of removed target is 5 ₺ / and the state of absorbing target is 5 ₺ / and the state of absorbing target is 5 ₺ / and the state of absorbing target is set in the between 5 ₺ / and 5 ₺ ² automatically. PEY and the previous key lock will flash by turning on(0.5sec.) Select key lock with A, V key. Window comparison output mode [F - 6] RUN mode UnL : Enable to change preset value and parameter value(Lock off) Pressure sensing level 1 Press M key over 3 sec. Lo and previous set sensing level 1 flash in 0.5sed Returns to RUN mode by turns. • Set the pressure sensing level 1 by
or
veckey When advance to parameter setting mode and preset setting mode, it displays "Setting item" and "Previous setting value" by 0.5 sec. turn. This display will stop by pressing ♥ or ▲ key(Display setting value), if any key is untouched for over 1 sec., it will display old value by 0.5sec. turn again. Set range: Min. display pressure ≤ Lo < Max. display pressure
 (Press M key momentarily, sensing level 1 will be saved, then move to the next mode.) ∎ ₪ When M key is pressed for 3sec. during setting, it will Pressure detecting level 2 However, when there is any key is untouched for 60sec, it turns to RUN mode with keeping the previ-H and previous set sensing level 1 flash in 0.5se turns.
Set the pressure sensing level 2 by ▲ or ♥ key. Automatic sensitivity setting mode[F - 2]
 This function is to set pressure sensing level to the proper position automatically. It is set by received pressure from two positions[5 ± 1, 5 ± 2].
 The sensing hysteresis is fixed in 1digit. (2 digits for psi unit and compound type)
 The ressure sensing level [5 ± 1] is shown in the following calculation. ous setting value not current setting value. *There is memory protection by EEPROM, but life cycle of EEPROM is 100,000 times. Oct me pressure sensing level 2 by an of the level. Set range: L₀ < H₁ & Max. display pressure (Press M key momentarily, sensing level 1 will be saved, then move to RUN mode.) of EEPROM is 100,000 times. ●Peak hold and bottom hold check 1. Press ▲ key for over 3sec. in RUN mode. 2. *PEH* and memorized max, pressure(Negative pressure type is for max. negative pressure) will flash by turning on (0.5sec.) then display peak hold value. 3. baH and memorized min. pressure(Negative pressure type is for min. negative pressure) will flash by turning on (0.5sec.) then display bottom hold value. 4. If pressing ▲ key one time shortly, memorized peak hold and bottom hold value will be removed then return to RUN mode. ↓ M Returns to RUN mode to RUN mode

Setting



ed with port plug.

í Gi

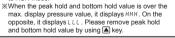


 $5EL = \frac{(5LI + 5L2)}{2}$

B

Pressur 552

5EE 5E 1



ising) by press constantly.

Cautions during Use

- 1. Follow instructions in 'Cautions during Use'.
- Otherwise. It may cause unexpected accidents.
- 2. 12-24VDC power supply should be insulated and limited voltage/current or Class 2, SELV power supply device.
- 3. Use the product, 3 sec after supplying power.
- 4. When using switching mode power supply, frame ground (F.G.) terminal of power supply should be grounded.
- 5. Wire as short as possible and keep away from high voltage lines or power lines, to prevent inductive noise.
- 6. This unit may be used in the following environments.
- (1)Indoors (in the environment condition rated in 'Specifications')
- ②Altitude max. 2,000m
- Pollution degree 2
- ④Installation category III

Main Products

Photoelectric Sensors	Temperature Controllers	
Fiber Optic Sensors	Temperature/Humidity Transducers	
Door Sensors	SSR/Power Controllers	
Door Side Sensors	Counters	
Area Sensors	Timers	
Proximity Sensors	Panel Meters	
Pressure Sensors	Tachometer/Pulse(Rate) Meters	
Rotary Encoders	Display Units	
 Connector/Sockets 	Sensor Controllers	
Graphic/Logic Panels	I/O Terminal Blocks & Cables	HEA
Field Network Devices	Stepper Motors/Drivers/Motion Controllers	18, 1
Control Switches/Lamps/Buzzers		Busa
Switching Mode Power Supplies		TEL
Laser Marking System(Fiber, CO ₂ , Nd:YAG)		-
Laser Welding/Cutting S	System	



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