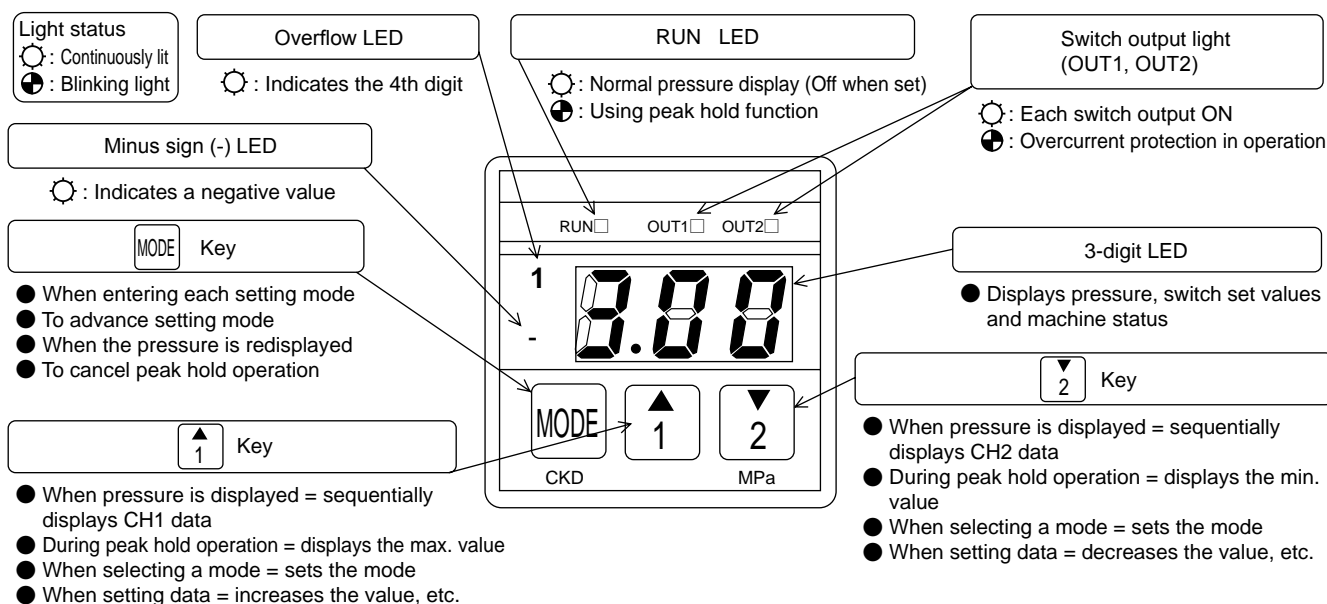


EXA
FWD
HNB/G
USB/G
FAB/G
FGB/G
FVB
FWB/G
FHB
FLB
AB
AG
AP/
AD
APK/
ADK
DryAir
EX-
XPLNprf
XPLNprf
HVB/
HVL
S ◇ B/
NAB
LAD/
NAD
Water-
Rela
NP/NAP/
NVP
SNP
CHB/G
MXB/G
Other
valves
SWD/
MWD
DustColl
CVE/
CVSE
CCH/
CPE/D
LifeSci
Gas-
Combust
Auto-
Water
Outdoor
SpecFld
Custom
Ending

Display and function



LED display

Numbers and letters are displayed with a combination of LED displays.

Numerals	0	1	2	3	4	5	6	7	8	9
Display	0	1	2	3	4	5	6	7	8	9

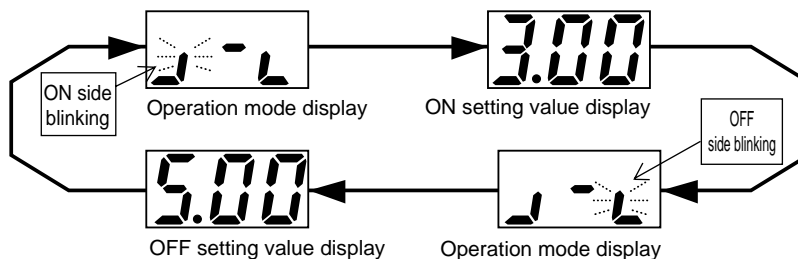
Numerals	A	B	C	D	H	I	J	L	N	O	P
		(b)		(d)		(i)			(n)	(o)	
Display	A	b	C	d	H	i	J	L	n	o	P

Confirmation of set value

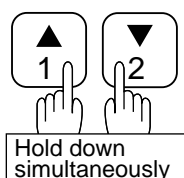
CH1 data display
Hold down
1

By pressing each key during pressure display, the switch data ON setting/OFF setting/operation waveform, zero point adjustment value, pressure range, and output can be confirmed. Switch operation is not affected during the next operation.

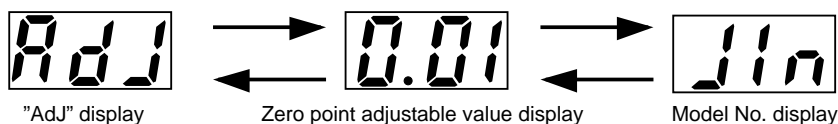
CH2 data display
Hold down
2



Zero point adjustment value/model No. display



The zero point adjustment value and model No. are displayed alternately. The switch operation is not affected during this operation.

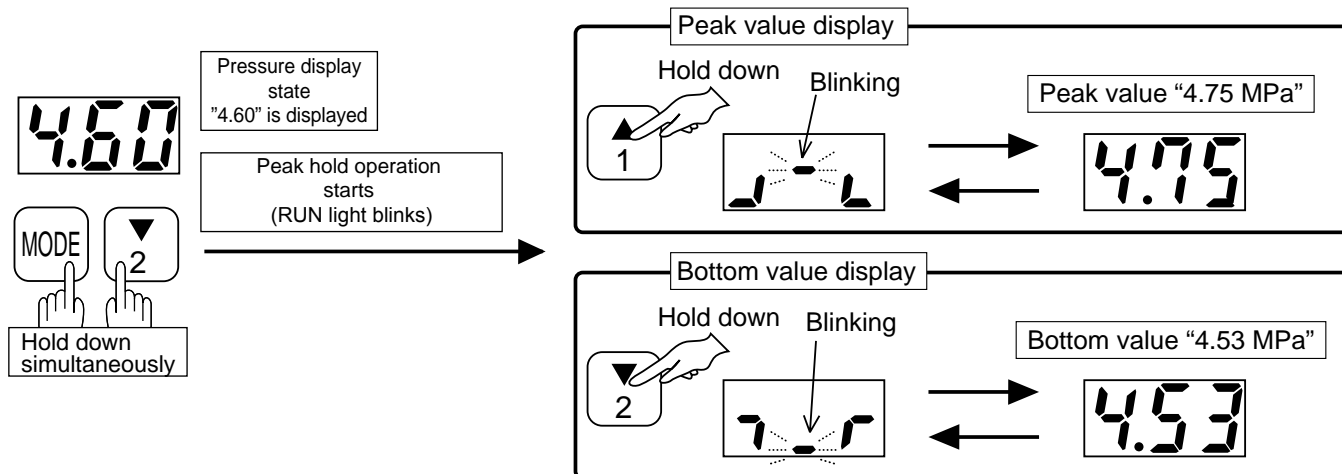


Operation method of each function

Peak hold function

The pressure value for a set period is displayed to see the max. and min. values.

Use this to check the stability of source pressure and working pressure, etc. The peak hold operation does not affect this product's basic functions such as switch operations or pressure display.



Switch output function

Refer to following page for operation method.

The CPD has 2-point switch output and operates in four modes and stopping. The switch is started by setting the required operation mode (refer to the switch operation mode on page 915) and by making two settings, ON and OFF, that regulate the operation pressure.

Determine the required operation mode and ON and OFF setting values before making settings.

Select and set the following data to operate the switch.

CH1: Operation mode

CH1: ON set value

CH1: OFF set value

CH2: Operation mode

CH2: ON set value

CH2: OFF set value

Switch output test function

Refer to following page for operation method.

Use this function to forcibly turn the switch output ON and confirm the wiring connection or initial operation of the input device.

*1: Use this test function to check the wiring connection and input device operation. Avoid using this function instead of actual signals when executing the sequence program while the machinery and equipment are operating.

Zero point adjustment function

Refer to following page for operation method.

Deviation of the display from the zero point is compensated in the atmospheric pressure pressurized state.

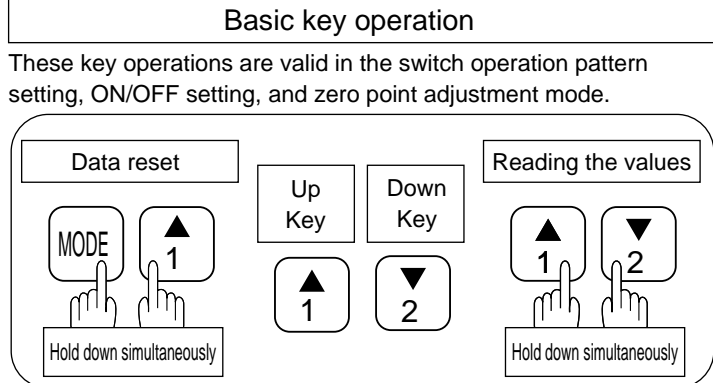
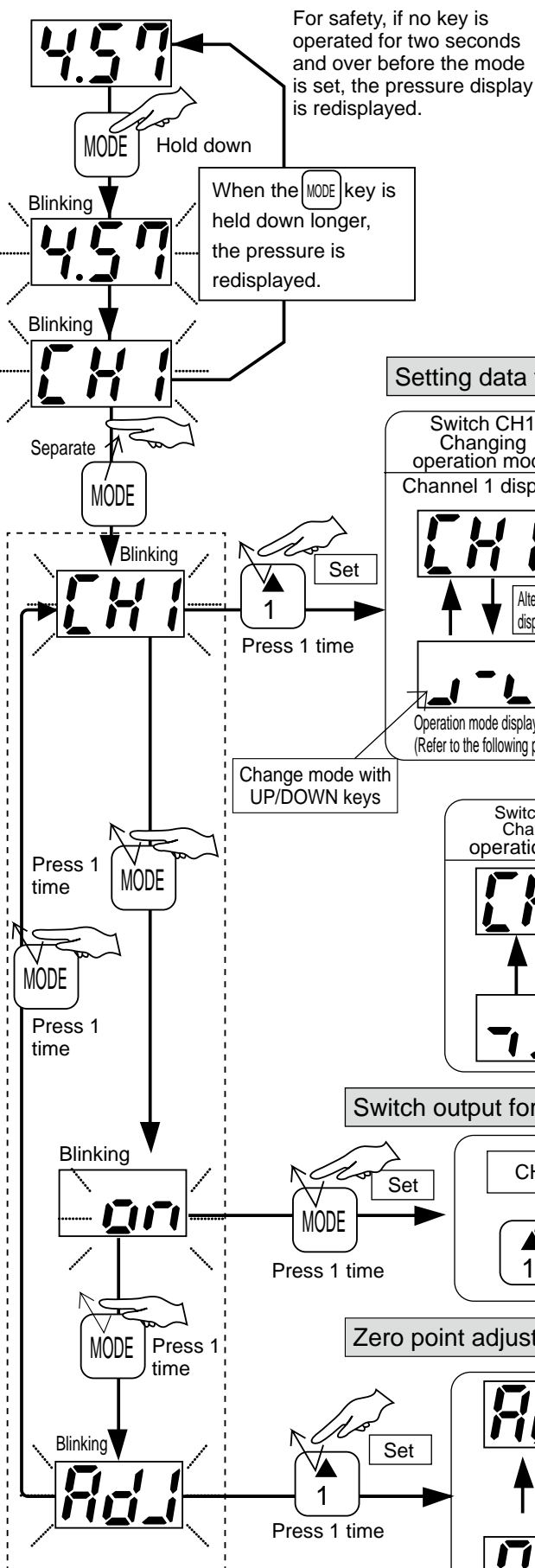
*2: The above settings and test significantly affect the output signal and display. Before this operation, be sure to stop the machinery and equipment using this product and confirm that safety can be ensured in case of incorrect operation or display. Using this function while the machinery and equipment are operating is dangerous and may cause incorrect operation or display.

*3: To avoid incorrect operation, all keys must be held down for a set time to select the mode.

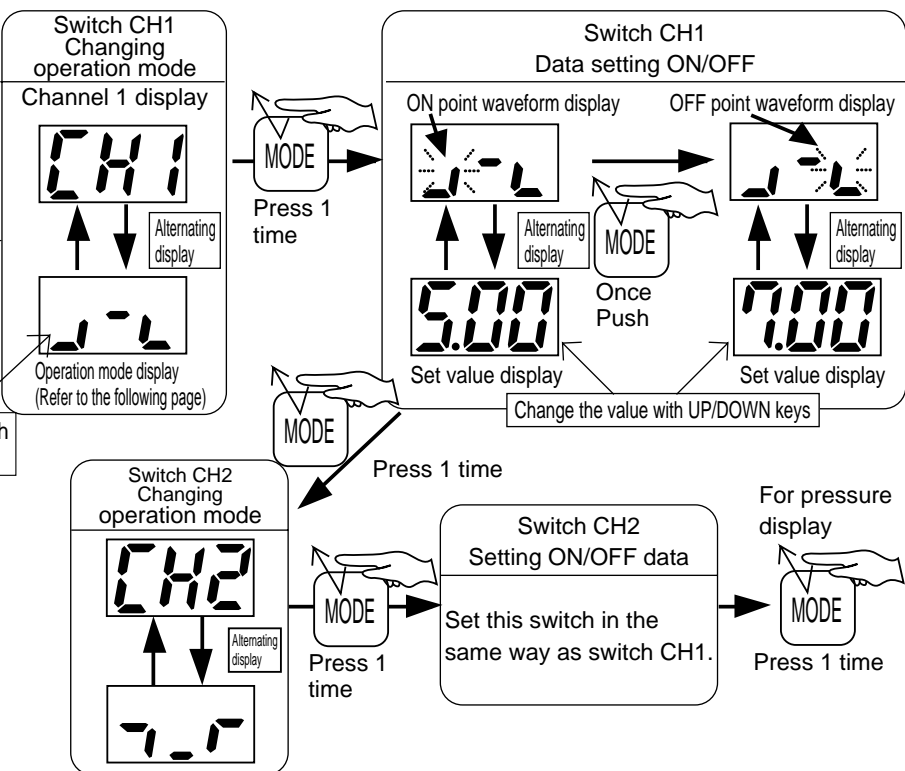
EXA
FWD
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USB/G
FAB/G
FGB/G
FVB
FWB/G
FHB
FLB
AB
AG
AP/AD
APK/ADK
DryAir
EX-XPLNprf
XPLNprf
HVB/HVL
S [◇] B/NAB
LAD/NAD
Water-Rela
NP/NAP/NVP
SNP
CHB/G
MXB/G
Other valves
SWD/MWD
DustColl
CVE/CVSE
CCH/CPE/D
LifeSci
Gas-Combus
Auto-Water
Outdoor
SpecFld
Custom
Ending

EXA
FWD
HNB/G
USB/G
FAB/G
FGB/G
FVB
FWB/G
FHB
FLB
AB
AG
AP/
AD
APK/
ADK
DryAir
EX-
XPLNprf
XPLNprf
HVB/
HVL
S ◇ B/
NAB
LAD/
NAD
Water-
Rela
NP/NAP/
NVP
SNP
CHB/G
MXB/G
Other
valves
SWD/
MWD
DustColl
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CVSE
CCH/
CPE/D
LifeSci
Gas-
Combust
Auto-
Water
Outdoor
SpecFld
Custom
Ending

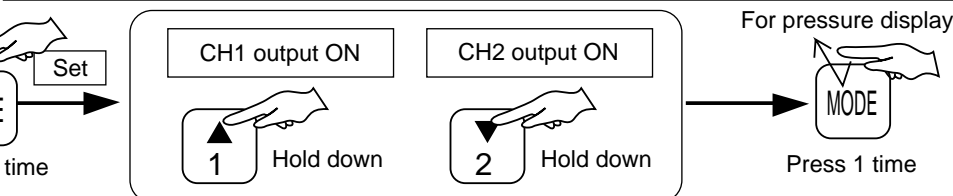
Operation chart for switch output function, forced output function, zero point adjustment function



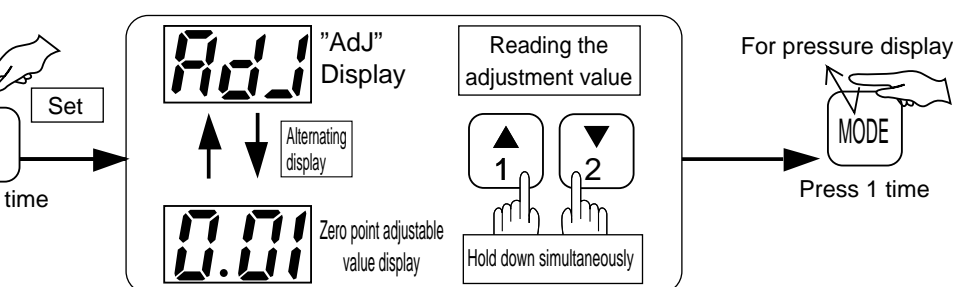
Setting data for the switch output function



Switch output forced ON mode

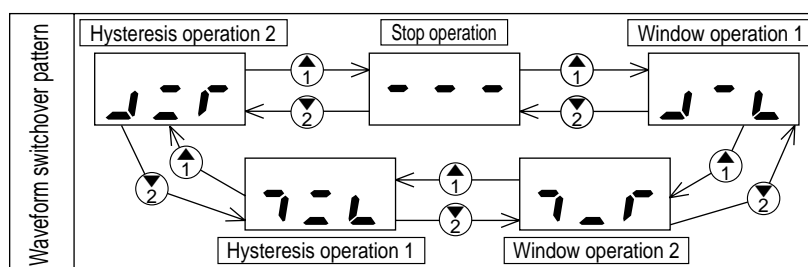


Zero point adjustment mode



Switch operation mode

Operation mode name	Operation waveform	LED operation waveform display	Applications
1 Window operation 1 (ON when inside range)			The ON signal will be output as a normal signal if the pressure is within the appropriate range.
2 Window operation 2 (ON when outside range)			The ON signal will be output as an error signal if the pressure is an abnormal value.
3 Hysteresis operation 1 (ON at low pressure)			The ON signal will be output if the pressure has sufficiently dropped.
4 Hysteresis operation 2 (ON at high pressure)			The ON signal will be output if the pressure becomes sufficiently high.
5 Stop operation			When not using the switch output, stop the operation to prevent damage and accidents.



*1: For window operation, provide an interval of 0.3 MPa or more between the two set values.

A hysteresis of 0.1 MPa is automatically added to each ON and OFF.

*2: For hysteresis operation, provide an interval of 0.1 MPa or more between the two set values.

If the two settings are the same, operation may not take place or may be unstable.

*3: The left side of the operation waveform indicates low pressure and the right side high pressure.

*4: The magnitude relation of the ON set value and OFF set value is determined when the operation mode is determined, and cannot be reversed. With this product, however, operation of the designated operation pattern is the priority. When two setting values are input, the device automatically judges their magnitude and assigns them setting values as ON and OFF accordingly. Thus, even if ON and OFF setting values are input in reverse by mistake, they will be corrected and operation will take place in the specified mode.