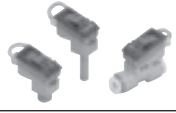


Series variation

Electronic pressure switch

F.R.L.
F.R.
F (Filtr)
R (Reg)
L (Lub)
Drain Separ
Mech Press SW
Res press exh valve
SlowStart
Anti-bac/Bac-remove Filt
Film Resist FR
Oil-ProhR
Med Press FR
No Cu/ PTFE FRL
Outdrs FRL
Adapter Joiner Press Gauge
CompFRL
LgFRL
PrecsR
VacF/R
Clean FR
ElecPneR
AirBoost
Speed Ctrl
Silncr
CheckV/ other
Fit/Tube
Nozzle
Air Unit
PrecsCompn
Electro Press SW
ContactSW
AirSens
PresSW Cool
Air Flo Sens/Ctrl
WaterRtSens
TotAirSys (Total Air)
TotAirSys (Gamma)
Gas generator
RefrDry
DesicDry
HiPolymDry
MainFiltr
Dischrg etc
Ending

Model	Type	Pressure range (kPa)								Degree of protection	
		With sensor/amp	No sensor/amp	0 to 980 (1000)	0 to 98 (100)	0 to -100 (-101.3)	-100 to 980 (1000)	-100 to 300	-100 to 100		
PPX 	A digital pressure sensor enabling simultaneous confirmation of the current and set pressure values with dual displays, a 3-color display, setting details copy function, 3 mode settings, etc. This fully loaded digital pressure sensor provides ease-of-use and high functionality not found conventionally.	●	-	-	-	-	● (1000)	-	●	IP40	
PPD3-S 	Stainless steel diaphragm is used for sensor section, Pressure switch with digital display.	●	-	-	-	-	●	●	●	IP65	
		-	●	-	-	-	-	-	-	IP65 (IP40 for display section)	
PPD3 	Ideal digital indicator pressure switch for pneumatic lines. Thanks to a wide variety of port options, the desired usage is possible for suction confirmation/contact confirmation, etc.	-	●	-	-	-	●	●	●	IP65 (Display section is IP40)	
PPG-D 	Basic digital pressure sensor suitable for pneumatic/vacuum pressure. A variety of selectable ports to enable support to be provided globally.	●	-	-	-	●	●	-	●	IP65	
PPE 	Trimmer setting semiconductor pressure switch developed for pneumatic/ vacuum circuits. Usage is flexible due to compact shape and three types of piping connections.	●	-	● (1000)	● (100)	● (-101.3)	-	-	-	IP65	
PPE-□A 	Semiconductor pressure sensor developed for pneumatic/vacuum circuits. 1 to 5 V output (analog output) is proportional to applied pressure.	●	-	● (1000)	● (100)	●	-	-	-	IP65	
PPEV-□A 	Semiconductor pressure sensor for pneumatic/vacuum circuits. Applied pressure proportional 1 to 5 V (analog output) is output. It can be connected to a compact Component such as a pneumatic valve for use in output confirmation, etc.	●	-	● (1000)	-	●	-	-	-	Dust-proof	
PSW 	Reliable pressure switch developed for pneumatics/vacuum circuits. Semiconductor sensor used for high-precision/high-speed response.	●	-	● (1000)	● (100)	●	-	-	-	IP40	
PPR 	Digital pressure sensor dedicated for regulator with twin display capable of checking the current and set pressure simultaneously, 3-color display, locking function and energy saving mode function.	●	-	● (1000)	-	-	● (1000)	-	-	IP40	

Electronic pressure switch

Series variation 1

● = Available in lineup
- = Not available in lineup

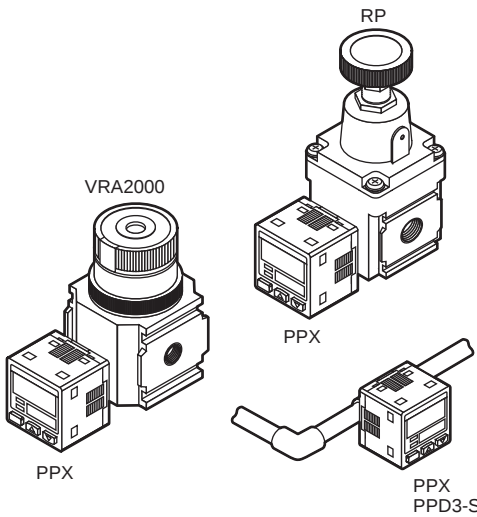
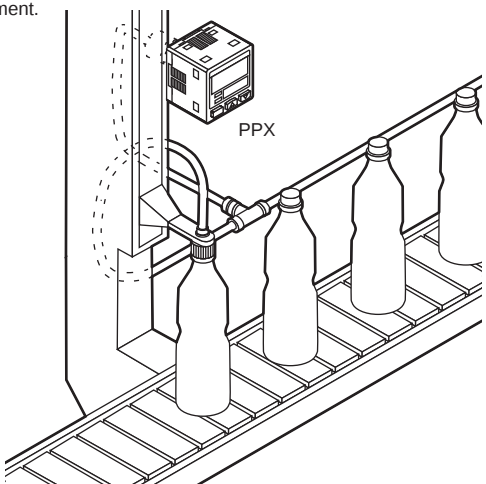
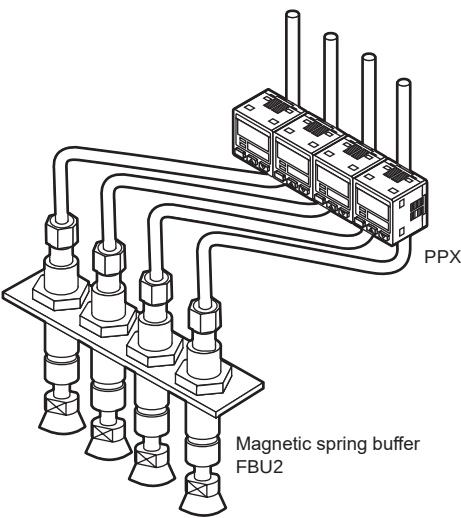
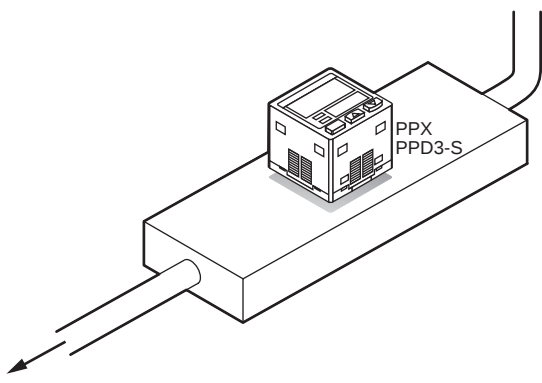
*1: Body front operation section only *2: Custom made *3: Select with model No.

	Switch output (number of points) *3		Analog	Applicable fluid	Mounting method										Display		Page
	NPN	PNP			FR mounting	Panel mount	Others (mount brackets, etc.)	Piping connection							Digital display	Output lamp only	
								Rc1/8	R1/8	Push-in	Plug	M5 female thread	NPT1/8	G1/8			
	●(2)	●(2)	-	Air Non-corrosive gas	● Included	●	●	-	●	-	-	●	●	●	●	-	1148
	●(1)	●(1)	●(1)														
	● (2)	● (2)	-	Air/Non-corrosive gas (Drain/oil)	-	●	●	●	-	●	-	-	-	-	●	-	1176
	● (1)	● (1)	● (1)														
	● (2)	● (2)	● (1)	Compressed air	-	●	●	●	-	-	-	-	-	-	●	-	
	● (2)	● (2)	● (1)	Air Non-corrosive gas	-	●	●	-	●	●	●	-	-	-	●	-	1178
	●(1)	●(1)	-	Air Non-corrosive gas	-	●	●	●	-	-	-	-	●	●	●	-	1192
	● (2-wire) (1)	-	-	Air Non-corrosive gas	-	-	-	-	●	●	●	-	-	-	-	●	1202
	-	-	● (1)	Air Non-corrosive gas	-	-	-	-	●	●	●	-	-	-	-	● (display of energized state only)	1205
	-	-	● (1)	Compressed air	-	-	-	-	-	-	●	●	-	-	-	●	1208
	●(1)	-	●(1)	Air Non-corrosive gas	-	-	●	-	-	-	-	●	-	-	-	●	1212
	●(1)	●(1)	-	Compressed air	●	-	-	-	-	-	-	-	-	-	●	-	1214

F.R.L.
F.R.
F (Filtr)
R (Reg)
L (Lub)
Drain Separ
Mech Press SW
Res press exh valve
SlowStart
Anti-bac/Bac-remove Filtr
Film Resist FR
Oil-ProhR
Med Press FR
No Cu/ PTFE FRL
Outdrs FRL
Adapter Joiner Press Gauge
CompFRL
LgFRL
PrecsR
VacF/R
Clean FR
ElecPneuR
AirBoost
Speed Ctrl
Silncr
CheckV/ other
Fit/Tube
Nozzle
Air Unit
PrecsCompn
Electro Press SW
ContactSW
AirSens
PresSW Cool
Air Flo Sens/Ctrl
WaterRISens
TotAirSys (Total Air)
TotAirSys (Gamma)
Gas generator
RefrDry
DesicDry
HiPolymDry
MainFiltr
Dischrg etc
Ending

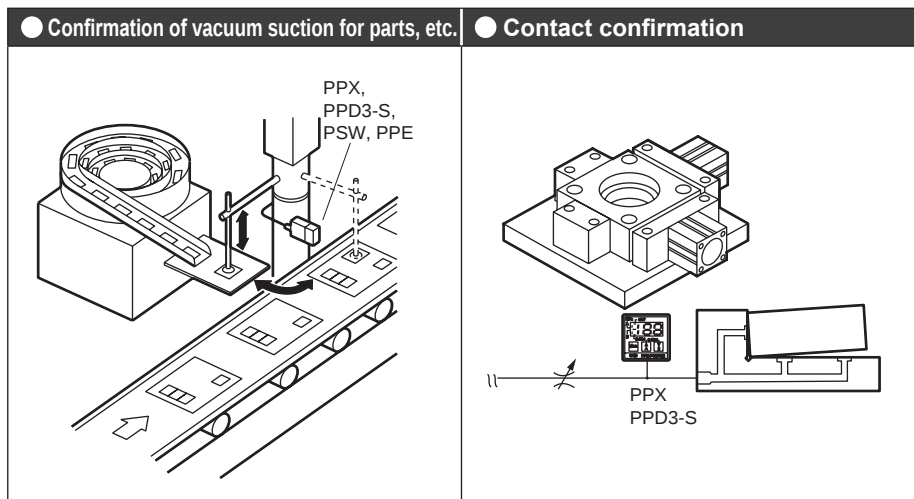
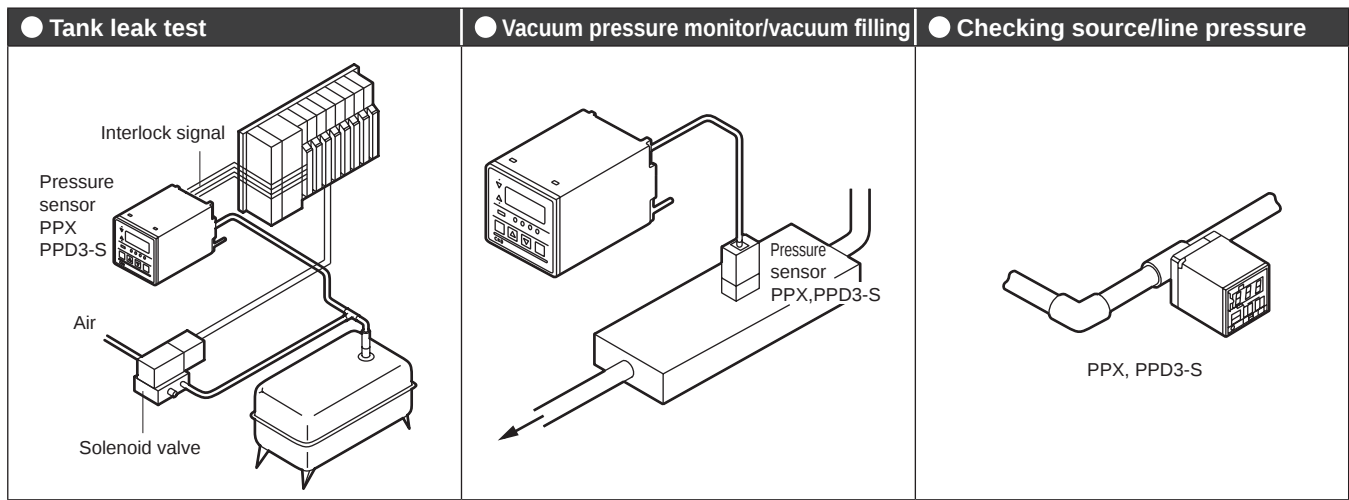
Electronic pressure switch Applications of pressure switch

F.R.L.
F.R.
F (Filtr)
R (Reg)
L (Lub)
Drain Separ
Mech Press SW
Res press exh valve
SlowStart
Anti-bac/Bac- remove Filt
Film Resist FR
Oil-ProhR
Med Press FR
No Cu/ PTFE FRL
Outdrs FRL
Adapter Joiner
Press Gauge
CompFRL
LgFRL
PrecsR
VacF/R
Clean FR
ElecPneuR
AirBoost
Speed Ctrl
Silncr
CheckV/ other
Fit/Tube
Nozzle
Air Unit
PrecsCompn
Electro Press SW
ContactSW
AirSens
PresSW Cool
Air Flo Sens/Ctrl
WaterRtSens
TotAirSys (Total Air)
TotAirSys (Gamma)
Gas generator
RefrDry
DesicDry
HiPolymDry
MainFiltr
Dischrg etc
Ending

● Positive pressure/vacuum confirmation and interlock 	● High-function · Settings are made easy with automatic reference and remote zero adjustment. 
● Manifold 	● Attains vacuum and burst pressure with one unit 

Electronic pressure switch

Applications



F.R.L.
F.R.
F (Filtr)
R (Reg)
L (Lub)
Drain Separ
Mech Press SW
Res press exh valve
SlowStart
Anti-bac/Bac- remove Filtr
Film Resist FR
Oil-Prohr
Med Press FR
No Cu/ PTFE FRL
Outdrs FRL
Adapter Joiner
Press Gauge
CompFRL
LgFRL
PrecsR
VacF/R
Clean FR
ElecPneuR
AirBoost
Speed Ctrl
Silncr
CheckV/ other
Fit/Tube
Nozzle
Air Unit
PrecsCompn
Electro Press SW
ContactSW
AirSens
PresSW Cool
Air Flo Sens/Ctrl
WaterRISens
TotAirSys (Total Air)
TotAirSys (Gamma)
Gas generator
RefrDry
DesicDry
HiPolymDry
MainFiltr
Dischrg etc
Ending