

Common specifications

Item	Specifications
Working fluid	Compressed air (no lubrication)
Max. working pressure MPa *1	0.8 (≈120 psi, 8 bar)
Min. working pressure MPa	0.3 (≈44 psi, 3 bar)
Fluid temperature °C	5 (41°F) to 60 (140°F)
Ambient temperature °C *2	0 (32°F) to 60 (140°F) (no freezing)
Effective cross-sectional area mm ² *3	2
Port size	ø4
Compatible tube	O.D. ø4.0, I.D. ø2.5, hard nylon tube, soft nylon tube F-1504

*1: The max. working pressure of the air counter (PCT, PCP) is 0.6 MPa.

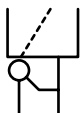
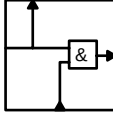
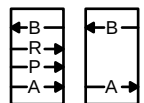
*2: The ambient temperature range for the solenoid valve PRS is 0 to +40°C.

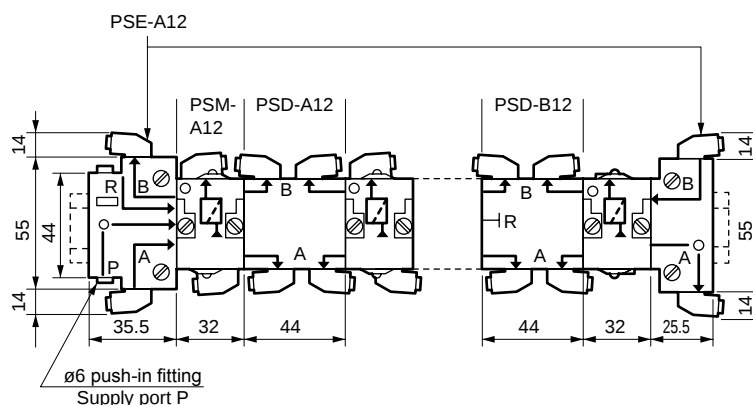
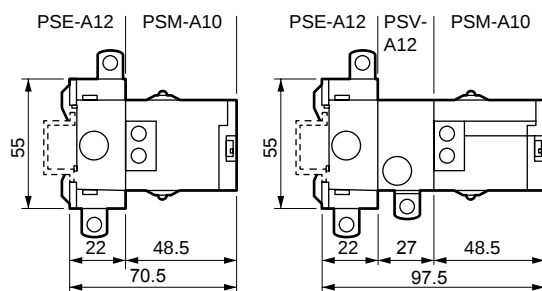
*3: The effective cross-sectional area of the limit switch (miniature) is 0.7 mm².

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

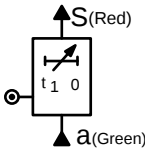
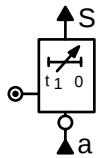
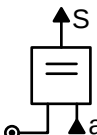
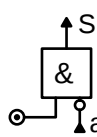
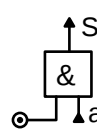
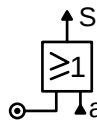
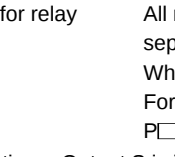
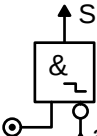
F.R.L.
F.R.
F (Filtr)
R (Reg)
L (Lub)
Drain
Separ
Mech
Press SW
Res press
exh valve
SlowStart
Anti-bac/Bac-
remove Filtr
Film
Resist FR
Oil-ProhR
Med
Press FR
No Cu/
PTFE FRL
Outdrs FRL
Adapter
Joiner
Press
Gauge
CompFRL
LgFRL
PrecsR
VacF/R
Clean FR
ElecPneR
AirBoost
Speed Ctrl
Silncr
CheckV/
other
Fit/Tube
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

PLC

Appearance	Symbol	Part name	Model No.	Weight (kg)
		PLC element		
		● With manual button	PSM-A12	0.175
		With push-in swivel fitting		
		With indicator		
		Body only	PSM-A10	0.135
		Sub-base only	PSB-A12	0.040
		PLC sub-base V type		
		● With push-in swivel fitting	PSV-A12	0.045
		With indicator		
		PLC AND element		
		● With push-in swivel fitting	PSL-A12	0.035
		With indicator		
		PLC I/O block		
		● With push-in swivel fitting	PSE-A12	0.080
		With port P indicator		
		PLC branch block		
		● With push-in swivel fitting	PSD-A12	0.050
		● R type (Port R signal braking)	PSD-B12	0.050



● Note: Use a $\phi 6$ tube for the supply port P and $\phi 4$ tubes for all other ports.

Relay				
Appearance	Symbol	Part name	Model No.	Weight (kg)
 ● PRT-A12		Timer (on-delay) ● With sub-base push-in swivel fitting		
		● 0.1 to 3 sec	PRT-E12	0.165
		● 0.1 to 30 sec	PRT-A12	0.165
		● 10 to 180 sec	PRT-B12	0.165
 ● PLJ-C12		Timer (off-delay)		
		● 0.1 to 3 sec	PRT-F12	0.165
		● 0.1 to 30 sec	PRT-C12	0.165
		● 10 to 180 sec	PRT-D12	0.165
 ● PLL-C12		YES element		
		● With sub-base push-in swivel fitting	PLJ-C12	0.065
		With push-in swivel fitting		
		(Operation)		
		Output S is issued when there is signal a.		
 ● PLN-C12		NOT element		
		● With sub-base push-in swivel fitting	PLN-C12	0.065
		(Operation)		
		Output S is issued when there is no signal a.		
 ● PLK-C12		AND element		
		● Sub-base push-in swivel fitting	PLL-C12	0.065
 ● PLN-D12		OR element		
		● Sub-base push-in swivel fitting	PLK-C12	0.065
 ● PLN-D12		Threshold element		
		● With sub-base push-in fitting	PLN-D12	0.065
		Output S is issued when there is no signal a. Note that signal a does not function until pressure is extremely low.		

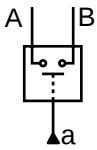
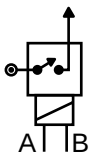
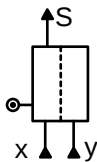
⚠ Cautions for relay

All relay sub-bases are based on PZU-A12. If the sub-base PZU-C12 is required, order the body and sub-base separately.
 When ordering only the relay body, change the suffix of the model No. from 12 to 10.
 For the sub-base relay P□□12 other than on-delay timer PRT-A12 and threshold element PLN-D12, the body P□□10 and sub-base PZU-A12 are shipped in separate containers.

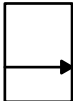
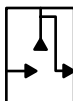
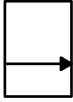
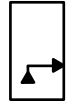
On-delay timer: Output S is issued after signal a is input and the set time has elapsed.

Off-delay timer: Output S is constantly issued. Output S stops when signal a is input and the set time has elapsed.

Relay

Appearance	Symbol	Part name	Model No.	Weight (kg)
 ● PRE-A12		Pressure switch		
		● With sub-base push-in swivel fitting	PRE-A12	0.130
		With manual button Contact capacity (resistance load) 600 V/10 A		
 ● PRS-A121_F		Solenoid valve		
		● With sub-base push-in swivel fitting	PRS-A121F(110 VAC)	0.165
		With manual button	PRS-A121M(220 VAC)	0.165
  ● PLM-A12 ● PLM-A10		Memory element		
		● With sub-base push-in swivel fitting	PLM-A12	0.185
		● No sub-base Output S is issued at signal X (setting) Reset at signal y (resetting).	PLM-A10	0.135

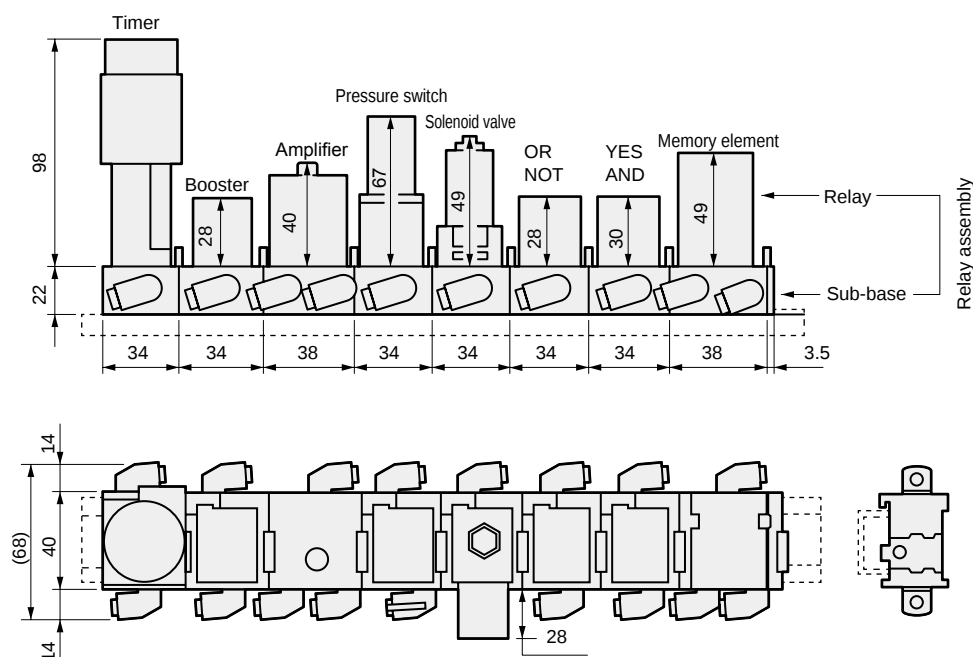
Relay sub-base

Appearance	Symbol	Part name	Model No.	Weight (kg)
 ● PZU-A12	A type 	3 port sub-base		
		● A type	PZU-A12	0.040
		● C type	PZU-C12	0.045
  ● PZU-E12 ● PZU-C12	C type 	4 port sub-base		
		● With push-in swivel fitting	PZU-B12	0.050
 ● PZU-B12	With push-in swivel fitting 	Input block		
		● Input block	PZU-E12	0.045
 ● PZU-B12	Input block 	Input block		
		● Input block	PZU-E12	0.045

⚠ Cautions for relay For the sub-base relay P□□12 other than on-delay timer PRT-A12 and threshold element PLN-D12, the body P□□10 and sub-base PZU-A12 are shipped in separate containers.

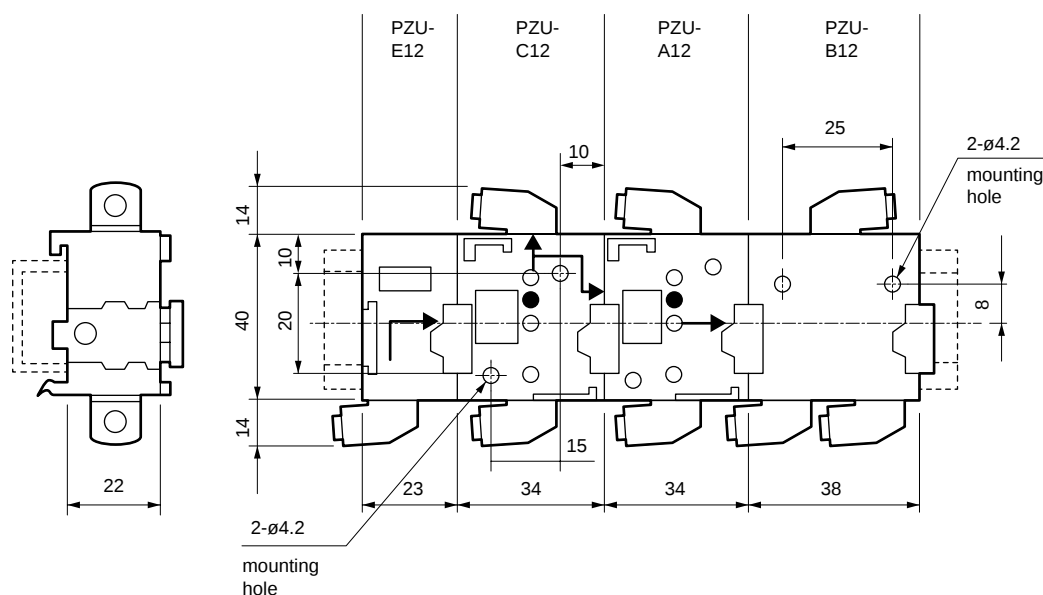
Manifold installation dimensions

Mounting dimensions



- The above drawing is an example of relay elements installed on the sub-base with a push-in swivel fitting.

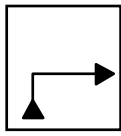
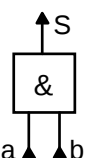
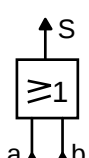
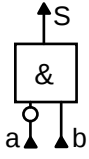
Sub-base installation dimensions



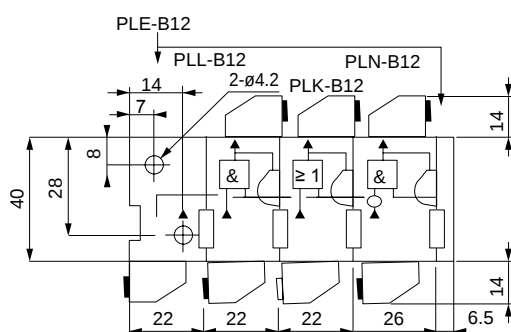
- Use $\varnothing 4$ tubes for all connection ports.
- Can be attached to the rail in a single touch.
- For mounting rails, use those (35 mm width) that conform to the DIN standard.
(DIN rail for pneumatic valves MN4GA and 4GB Series can be purchased.)

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

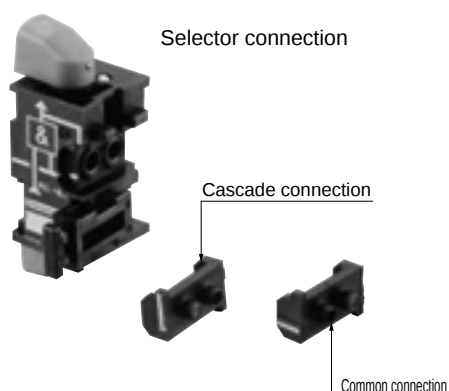
Integrated (logic element)

Appearance	Symbol	Part name	Model No.	Weight (kg)
 ● PLE-B12		Side block		
		● With push-in swivel fitting	PLE-B12	0.075
 ● PLL-B12		AND element		
		● With push-in swivel fitting	PLL-B12	0.080
		(Operation)		
		Output S is issued when both signals a and b are input.		
 ● PLK-B12		OR element		
		● With push-in swivel fitting	PLK-B12	0.080
		(Operation)		
		Output S is issued when signal a or b, or both are input.		
 ● PLN-B12		NOT element		
		● With push-in swivel fitting	PLN-B12	0.080
		(Operation)		
		Output S is issued when signal b is input and signal a is not.		

Mounting dimensions



● Use $\varnothing 4$ tubes for all connection ports.



The integrated element is connected through a selector.

The following two methods are used.

- 1) Cascade line connection
- 2) COM line connection

Using the selector

The integrated element is connected through a selector.

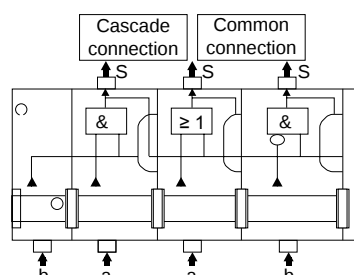
The following two methods are used.

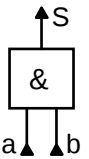
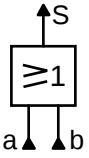
1. Cascade connection

When the element selector is set in a cascade state, it is internally connected to inside board b. The circuit is called a cascade circuit when all elements are set in a cascade state.

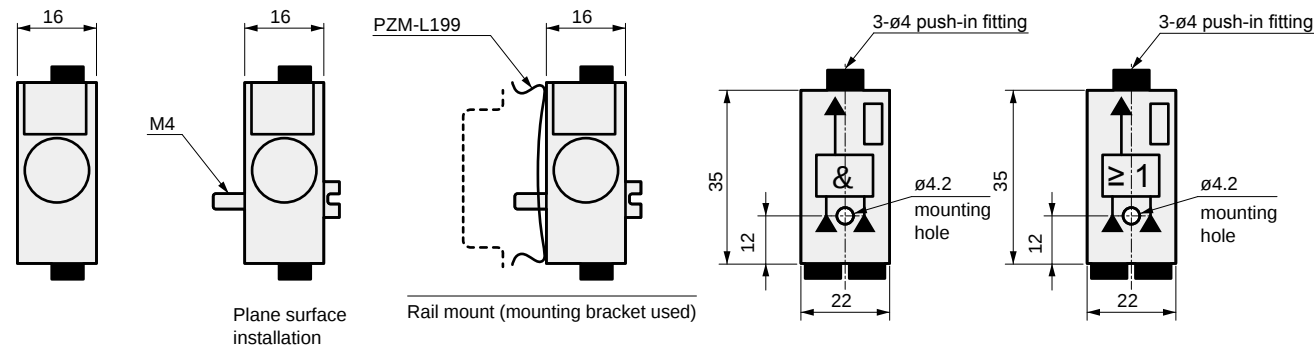
2. Common connection

When the element selector is set in a common connection state, each element's inside board b is connected straight. The circuit is called a common input circuit when all elements are connected in a common state.



Line type (logic element)				
Appearance	Symbol	Part name	Model No.	Weight (kg)
● PLL-A11  ● PLK-A11  ● PZM-L199 	 	AND element		
		● With push-in fitting	PLL-A11	0.065
		OR element		
		● With push-in fitting	PLK-A11	0.065
		Mounting bracket (including mounting screws)		
		● Used for rail installation.	PZM-L199	0.015

Mounting dimensions



F.R.L.
F.R.
F (Filtr
R (Reg)
L (Lub)
Drain Separ
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Res press exh valve
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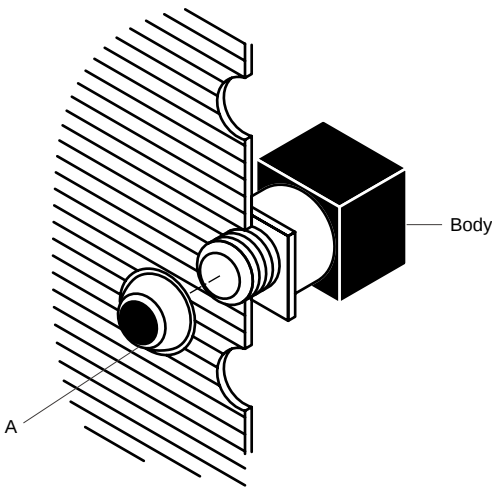
Air lamp



● PXV-M1 ☐

Appearance	Type of color	Model No.	Weight (kg)
	Air lamp		
	● Green with push-in fitting	PXV-M131	0.085
	● Orange with push-in fitting	PXV-M141	0.085
	● Yellow with push-in fitting	PXV-M151	0.085

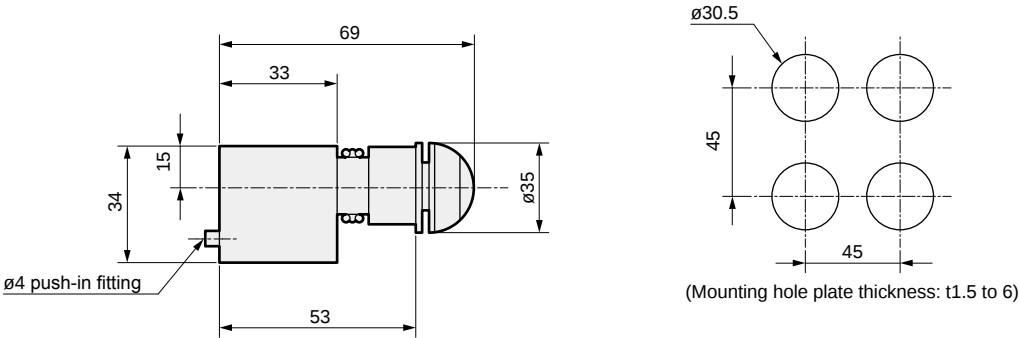
Installation explanation



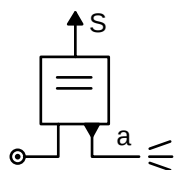
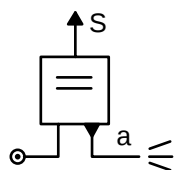
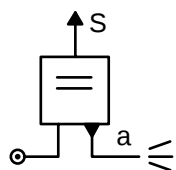
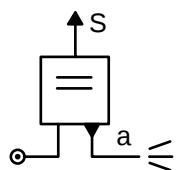
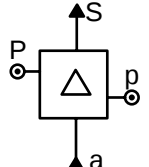
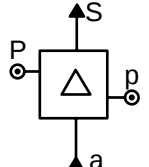
When installing on a panel, turn lens (A) to the left to remove it. Insert the body from the back of the panel, then turn lens (A) to the right to fix it in place.

* Colors shown above are used when supplying air.

Mounting dimensions

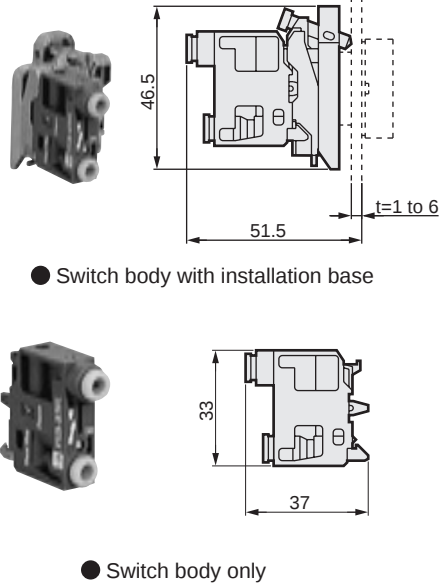


Element and sensor

Appearance	Symbol	Part name	Model No.	Weight (kg)
 ● PRF-A12		Booster ● With sub-base push-in swivel fitting Booster signal a is connected to the limit sensor on the machine. Booster output S is issued by closing the bleed hole on the end of the limit sensor.	PRF-A12	0.070
 ● PXF-A111		Limit sensor touch type ● Push-in fitting	PXF-A111	0.030
 ● PXF-A121		Limit sensor ball roller ● Push-in fitting	PXF-A121	0.035
 ● PXF-A131		Limit sensor wire ● Push-in fitting	PXF-A131	0.035
 ● PRD-A12		Amplifier ● With sub-base push-in swivel fitting With manual button Fine pressure signal a from the proximity sensor, etc., is amplified to the supply pressure to issue output S.	PRD-A12	0.175
 ● PXD-A111		Proximity sensor ● Push-in fitting	PXD-A111	0.060

⚠ Element and sensor cautions The body PRF-A10 and sub-base PZU-A12 are shipped in separate containers for the booster PRF-A12. The body PRD-A10 and sub-base PZU-B12 are shipped in separate containers for the amplifier PRD-A12.

Pushbutton switch/switch body (separated)

Outline drawing	Symbol	Part name	Model No.	Weight (kg)
 ● Switch body with installation base ● Switch body only		Discrete switch body NC (with switch head installation base)		
		● Flow rate 60 l/min. (ANR) (at pressure of 0.6 MPa)	PXB-B 3111B	0.048
		Discrete switch body NO (with switch head installation base)		
		● Flow rate 60 l/min. (ANR) (at pressure of 0.6 MPa)	PXB-B 3121B	0.048
		Only switch body NC		
		● Flow rate 60 l/min. (ANR) (at pressure of 0.6 MPa)	PXB-B 3911	0.010
		Only switch body NO		
		● Flow rate 60 l/min. (ANR) (at pressure of 0.6 MPa)	PXB-B 3921	0.010

⚠ Safety Precautions

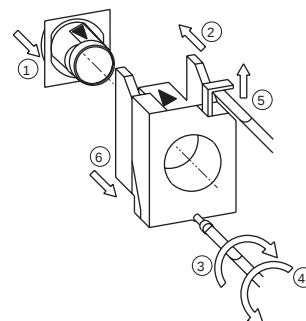
◆ Installing on and removing from the panel

Mounting

- (1) With the arrow facing up, push in the switch head from the front of the panel.
- (2) Push in the switch body, aligning the arrow on it with the arrow on the switch head.
- (3) Tighten the fixing screw on the bottom. (Tightening torque: Max. 0.8 N·m)

Removal: ④ Loosen the fixing screw on the bottom.

- (5) Lift up the switch body hook with a flathead screwdriver.
- (6) Pull out the entire switch body.



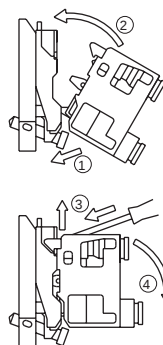
◆ Installing and removing the switch body on/from the installation base

Mounting

- (1) Align the protrusion on the bottom of the switch body with the groove on the bottom of the mounting base.
- (2) Push in the top part until it clicks.

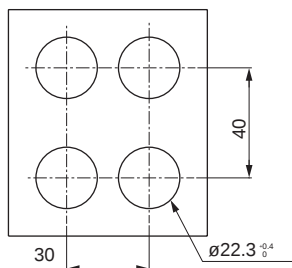
Removal: ③ Lift up the bracket on the top of the switch body with a flathead screwdriver.

- (4) Remove the switch body.



◆ Minimum panel cut dimension

Panel plate thickness: 1 to 6 mm



Model No. of push button

Model No. of only switch body: PXB-B

Model No. of only switch head: ZB4-B

Model No. of switch combination: PXB-B

*1

*2

*1 *2

PXB-B

*1

*2

Switch head (separated)

◇ Pushbutton head

Outline drawing	Type	Actuation	Color	Model No.	Weight (kg)
 ● Flat	Flat shape	Momentary (Automatic return)	Black	ZB4-B A2	0.029
			Green	ZB4-B A3	0.029
			Red	ZB4-B A4	0.029
			Yellow	ZB4-B A5	0.029
 ● Protrusion	Extension	Momentary (Automatic return)	Black	ZB4-B L2	0.030
			Green	ZB4-B L3	0.030
			Red	ZB4-B L4	0.030
			Yellow	ZB4-B L5	0.030
 ● Dust-proof	Dust-proof	Momentary (Automatic return)	Black	ZB4-B P2	0.031
 ● Mushroom	Mushroom (Head diameter ø40 mm)	Momentary (Automatic return)	Black	ZB4-B C2	0.072
			Green	ZB4-B C3	0.072
			Red	ZB4-B C4	0.072
			Yellow	ZB4-B C5	0.072
 ● Large mushroom	Large mushroom (Head diameter ø60 mm)	Latch, push/pull	Red	ZB4-B T84	0.078
		Latch, turn/release	Red	ZB4-B S844	0.073
		Momentary (Automatic return)	Black	ZB4-B R2	0.093

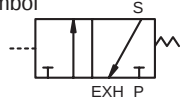
Model No.	L
ZB4-BC□	32
ZB4-BT84	38.5
ZB4-BS844	39.5

◇ Selector head

Outline drawing	Type	Actuation	Model No.	Weight (kg)
 ● Standard handle	Standard handle, black	2-position self-hold	ZB4-B D2	0.044
		3-position self-hold	ZB4-B D3	0.044
 ● Long handle	Long handle, black	2-position self-hold	ZB4-B J2	0.044
		3-position self-hold	ZB4-B J3	0.044
		3-position automatic return	ZB4-B J5	0.044
		3-position left side automatic reset/ right side self-hold	ZB4-B J7	0.044
 ● Select type with key	Select type with key	2-position self-hold	ZB4-B G2	0.069
		2-position self-hold	ZB4-B G4	0.069

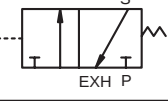
⌋ indicates the key release position.

Model No. of switch body and switch head combination
(Example) Combination of discrete switch body NC and mushroom redhead Model No.: PXB-B3111BC4.

Miniature limit switch				
Appearance	Code	Part name	Model No.	Weight (kg)
 ● PXC-M111		Plunger push-in fitting		
		Direct acting 3-port valve NC EXH is released into the atmosphere. JIS symbol	PXC-M111	0.030
				
 ● PXC-M121		Roller lever push-in fitting	PXC-M121	0.040
 ● PXC-M521		Roller lever	PXC-M521	0.060

Attachment for PXC-M111				
Appearance	Code	Part name	Model No.	Weight (kg)
 ● PXC-Z11		Roller lever		
			PXC-Z11	0.008

Compact limit switch

Appearance	Symbol	Part name	Model No.	Weight (kg)
 ● PXC-M601A110  ● PXC-M601A102  ● PXC-M601A103	  	Plunger		
		Direct acting 3-port valve NC. JIS symbol	PXC-M601A110	0.150
				
		Roller plunger	PXC-M601A102	0.160
		Cross roller plunger	PXC-M601A103	0.160

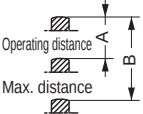
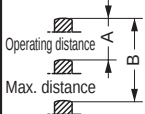
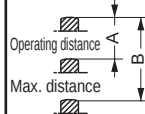
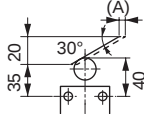
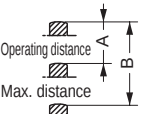
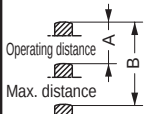
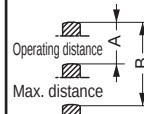
Attachment

Appearance	Symbol	Part name	Model No.	Weight (kg)
 ● XCM-Z24		One way roller lever		
			XCM-Z24	0.080

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
PresCompn
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

Compact limit switch specifications

Specifications

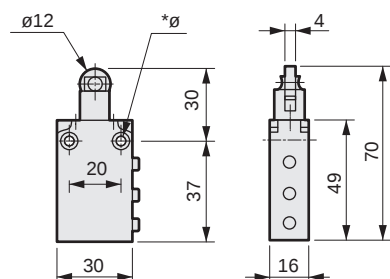
Item	PXC-M601A110	PXC-M601A102	PXC-M601A103	PXC-M601A110 +XCM-Z24	PXC-M111	PXC-M121	PXC-M521
Max. operating speed	0.5 m/s	0.1 m/s	0.1 m/s	0.5 m/s	0.5 m/s	1.0 m/s	1.0 m/s
Operating distance: A *1	1.7 mm	1.7 mm	1.7 mm	9.4 mm(A)	0.9 mm	2.0 mm	2.2 mm
Max. distance: B	5.0 mm	5.0 mm	5.0 mm	-	1.4 mm	3.2 mm	5.8 mm
Return distance	0.3 mm	0.2 mm	0.2 mm	1.2 mm(A)	0.15 mm	0.3 mm	0.5 mm
Min. operating force *1	24 N	23 N	23 N	19 N	11 N	4.5 N	7 N
							

*1: Value at supply pressure of 0.6 MPa.

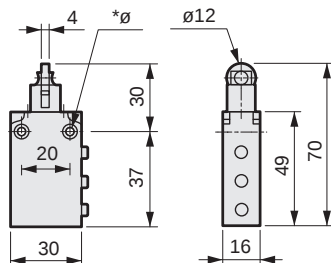
Compact limit switch

Dimensions

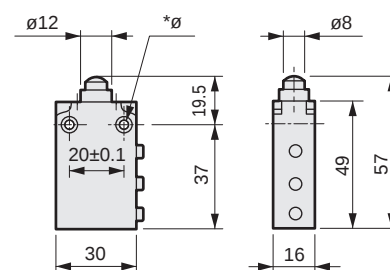
● PXC-M601A102



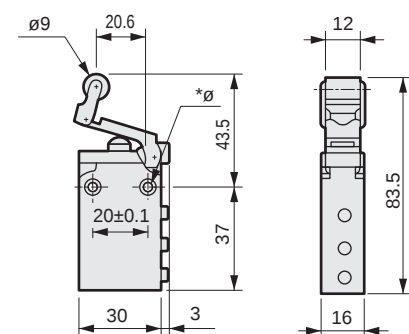
● PXC-M601A103



● PXC-M601A110

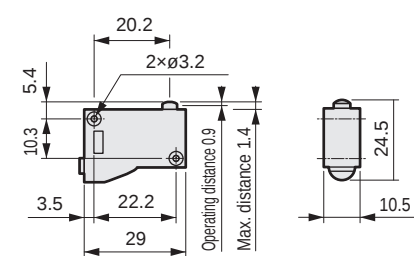


● PXC-M601A110+
XCM-Z24

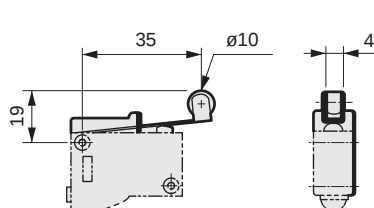


* ϕ hole detailed dimensions
2- $\phi 4.3$ through
2-spot face diameter $\phi 8.2$
spot face depth 4

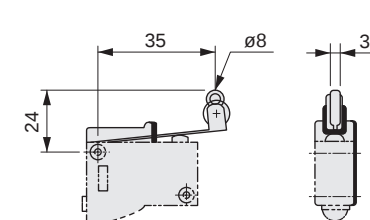
● PXC-M111



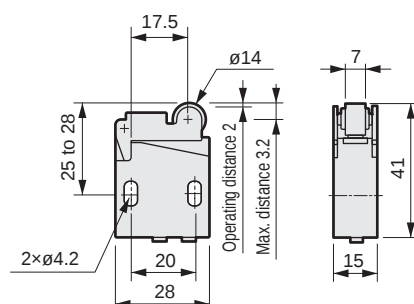
● PXC-Z11



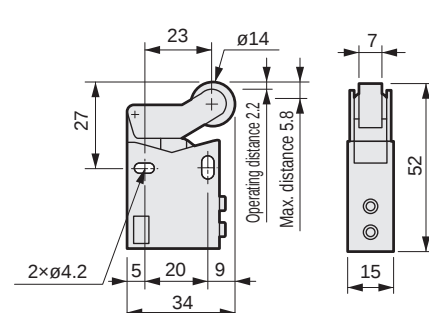
● PXC-Z12



● PXC-M121



● PXC-M521



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

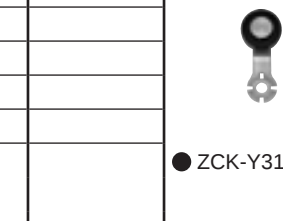
Limit switch

Appearance	Part name	Model No.	Weight (kg)	Appearance	Part name	Model No.	Weight (kg)		
	NC				Plunger				
	● Push-in fitting pilot operated 3-port valve NC.	PXC-K	211		0.32		ZCK-D	01	0.100
● PXC-K211				● ZCK-D01					
					Roller				
						ZCK-D	02	0.140	
● PXC-K221				● ZCK-D02					
	NO			● ZCK-D21 D23	Roller lever				
	● Push-in fitting pilot operated 3-port valve NO.	PXC-K	221		0.32	Resin	ZCK-D	21	0.150
						Steel	ZCK-D	23	0.160
● ZCK-D06					Wire				
						ZCK-D	06	0.100	
● ZCK-D08					* Coil spring type				
						ZCK-D	08	0.035	

How to order (single unit)

- Model No. of switch body only PXC-K
- Model No. of head only ZCK-D
- Model No. of lever only ZCK-Y

Rotary head lever actuator

Appearance	Part name	Model No.	Weight (kg)	Appearance	Part name	Model No.	Weight (kg)
	Rotary				Roller lever		
		ZCK-D	05		Resin roller	ZCK-Y	31
					Steel roller	ZCK-Y	33
					Bearing roller	ZCK-Y	34
					Adjusting		
					Resin roller	ZCK-Y	41
					Rod lever		
					Round rod	ZCK-Y	55
					Square rod	ZCK-Y	54
					Round rod (ø3 glass fiber)		
					Square rod (□3 steel)		
					Spring type		
						ZCK-Y	81
					Spring rod		
						ZCK-Y	91

How to order (combination)

- Model No. of plunger and switch combination
 ● Model No. of rotary and switch combination
 ● Model No. of lever/rotary and switch combination
 (Example) Switch body, head, lever actuator combination,
 NC, rotary, and resin roller PXC-K211 05 31

PXC-K    

PXC-K        

PXC-K        

= PXC-K2110531

*Made-to-order product.

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
Outdtrs FRL
Adapter
Joiner
Press
Gauge
CompFRL
LgFRL
PrecsR
VacF/R
Clean FR
ElecPneur
AirBoost
Speed Ctrl
SilIncr
CheckV/
other
Fit/Tube
Nozzle
Air Unit
PrecsCompr
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

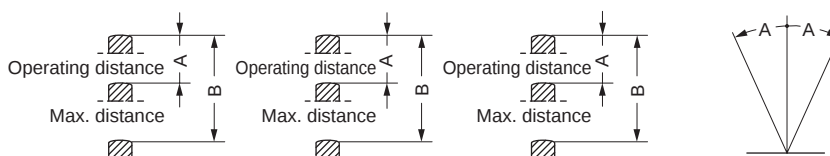
Limit switch

Specification PXC-K $2\frac{1}{2}$

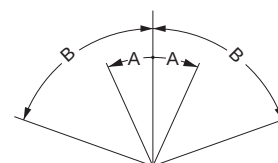
Appearance	Description	ZCK-D01	ZCK-D02	ZCK-D21 ZCK-D23	ZCK-D06 ZCK-D08
● ZCK-D01	Max. operating speed	0.5 m/S	0.5 m/S	1.5 m/S	1 m/S
	Operating distance: A *1	0.5 mm	0.5 mm	0.5 mm	-
	Max. distance: B	2.2 mm	2.2 mm	2.6 mm	-
	Return distance	0.2 mm	0.2 mm	0.2 mm	-
● ZCK-D02	A operating angle *1	-	-	-	35°
	Return angle	-	-	-	12°
	Min. operating force *1	16 N	20 N	15 N	-
	Min. operating torque *1	-	-	-	0.12 N.m

*1: Value at supply pressure of 0.6 MPa.

● ZCK-D06



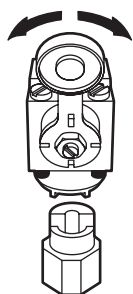
Rotary head ZCK-D05



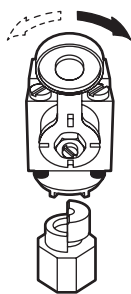
A operating angle *1	31°
B-Max. angle	80°
Return angle	3°
Min. operating torque *1	0.21 N.m

*1: Value at supply pressure of 0.6 MPa.

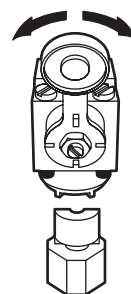
- Retrieving the output signal
Output signal retrieval is altered by changing the position of the internal cam as shown below.



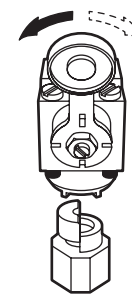
Output signal: ➡ Left-right



For right



Left-right

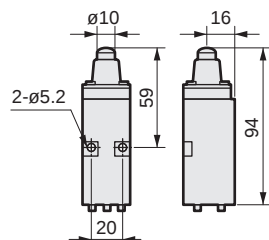


For left

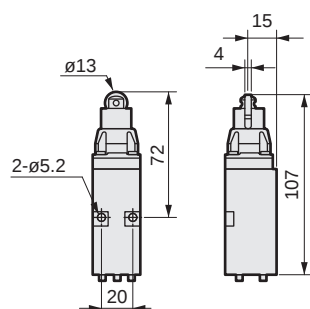
Limit switch

Dimensions

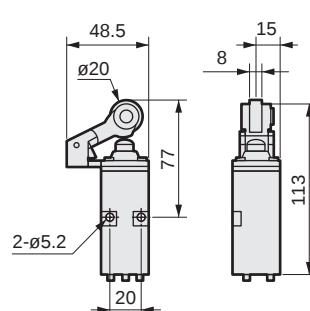
● PXC-K21101,PXC-K22101



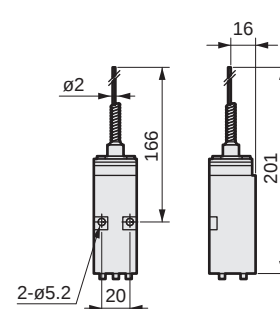
● PXC-K21102,PXC-K22102



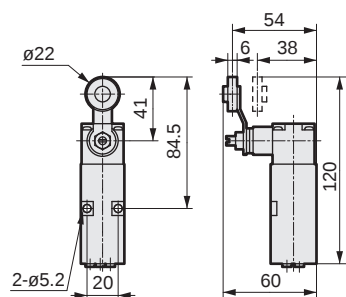
● PXC-K21121,PXC-K22121
K21123 K22123



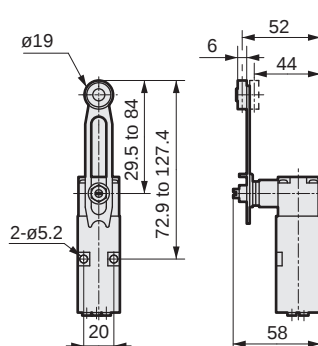
● PXC-K21106,PXC-K22106



● PXC-K2110531,PXC-K2210531

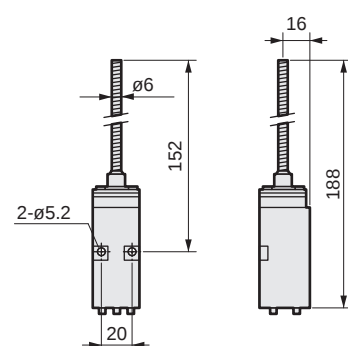


● PXC-K2110541,PXC-K2210541

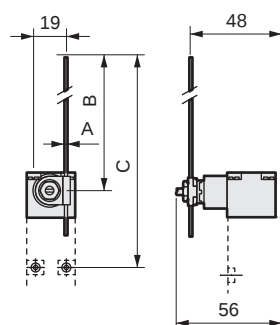


● PXC-K21108

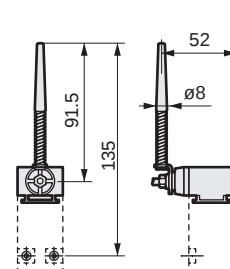
● PXC-K22108



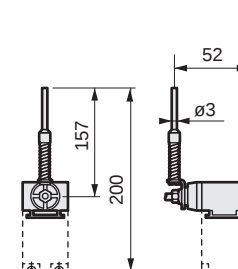
● ZCK-Y54,ZCK-Y55



● ZCK-Y81

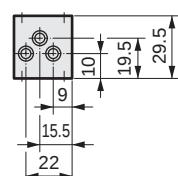
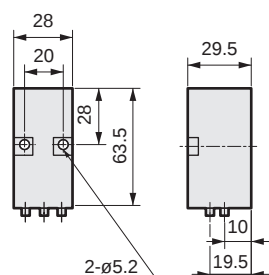


● ZCK-Y91



	ZCK-Y55	ZCK-Y54
A	ø3	□3
B	11 to 115	11 to 115
C	53 to 158	53 to 158

● PXC-K211,PXC-K221



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

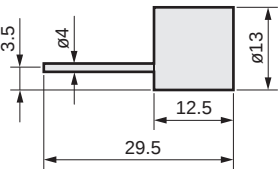
Accessory

Appearance



● PXC-X14

● Applications
Use for PLC, relay, integrated, and line type logical elements, and for terminal blocks.



Silencer

Model No.	Weight (kg)
PXC-X14	0.040

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