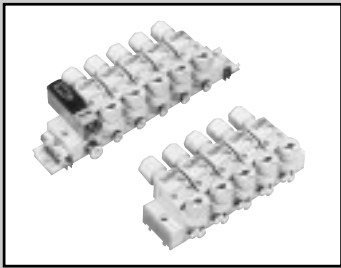


Refrigerating type dryer
Desiccant type dryer
High polymer membrane dryer
Air filter
Auto. drain / others
F.R.L. (Module unit)
F.R.L. (Separate)
Compact F.R.
Precise regulator
F.R.L. (Related products)
Clean F.R.
Electro pneumatic regulator
Air booster
Speed control valve
Silencer
Check valve / others
Joint / tube
Vacuum filter
Vacuum regulator
Suction plate
Magnetic spring buffer
Mechanical pressure SW
Electronic pressure SW
Contact / close contact conf. SW
Air sensor
Pressure SW for coolant
Small flow sensor
Small flow controller
Flow sensor for air
Flow sensor for water
Total air system
Total air system (Gamma)
Ending



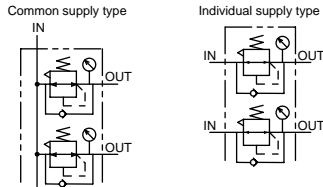
Block manifold regulator

# MNRB500 Series

Port size: push-in joint  $\phi$  4,  $\phi$  6,  $\phi$  8



## JIS symbol



## Specifications

Descriptions		MNRB500A	MNRB500B
Working fluid		Compressed air	
Max. working pressure	Mpa	0.8	
Withstanding pressure	Mpa	1.2	
Ambient temperature range	°C	5 to 60	
Set pressure range	Mpa	0.05 to 0.7 (Note 1)	
Relief		With relief mechanism	
Port size	IN	Push-in joint $\phi$ 6, $\phi$ 8	Push-in joint $\phi$ 4, $\phi$ 6
	OUT	Push-in joint: $\phi$ 4, $\phi$ 6	
	GAUGE	Rc1/8	

Note 1: Low pressure specifications are 0.05 to 0.35.

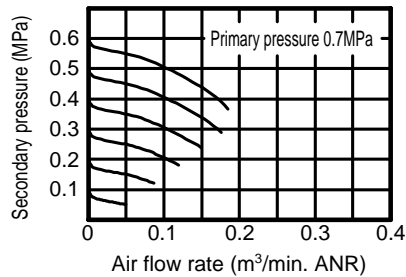
## Ozone specifications (Ending 15)

MNRB500\*----- P11

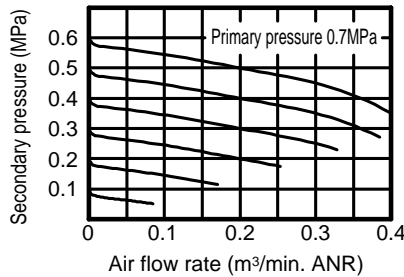
## Flow characteristic

For use with 1 or 2 stations

- MNRB500A-SSC64
- MNRB500B-SSC4

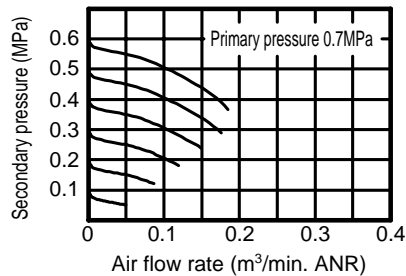


- MNRB500A-SSC86
- MNRB500B-SSC6

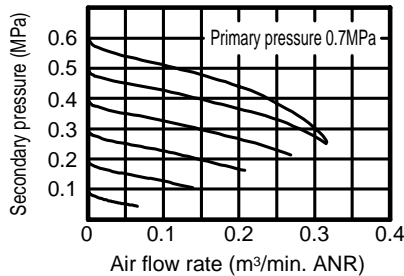


For use with 3 stations

- MNRB500A-SSC64



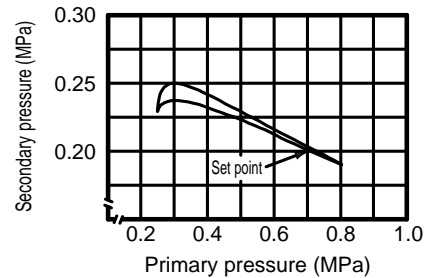
- MNRB500A-SSC86



Note 1: For common supply type, if multiple stations work same time, the pressure could be short temporally. So, install air supply block per three stations. Use an air supply port larger than OUT port size.

Note 2: If three stations are used at same time, the characteristic apply for the remaining station when consumption of other two stations in three reaches 200 L/min.

## Pressure characteristic



### How to order

**MNRB500A** - **SSC64** - **5** - **NG39** - **D**

**A** Model no.  
Note 1

**B** Joint type

**C** Port size

**D** Station number  
Note 2

**E** Option  
Note 3

**F** Installation method

Symbol	Descriptions		
<b>A Model no.</b>			
<b>MNRB500A</b>	Common supply type		
<b>MNRB500B</b>	Individual supply type		
<b>B Joint type</b>			
<b>IN direction</b>			
<b>S</b>	Straight		
<b>L</b>	Elbow		
<b>OUT direction</b>			
<b>S</b>	Straight		
<b>L</b>	Elbow		
<b>C Port size IN-OUT</b>			
		<b>MNRB500A</b>	<b>MNRB500B</b>
<b>C64</b>	IN; $\phi$ 6, OUT; $\phi$ 4	●	
<b>C66</b>	IN; $\phi$ 6, OUT; $\phi$ 6	●	
<b>C84</b>	IN; $\phi$ 8, OUT; $\phi$ 4	●	
<b>C86</b>	IN; $\phi$ 8, OUT; $\phi$ 6	●	
<b>C4</b>	IN / OUT; $\phi$ 4		●
<b>C6</b>	IN / OUT; $\phi$ 6		●
<b>D Station number</b>			
<b>1</b>	1 station		
<b>2</b>	2 stations		
<b>⋮</b>	<b>⋮</b>		
<b>10</b>	10 stations		
<b>E Option</b>			
		<b>MNRB500A</b>	<b>MNRB500B</b>
<b>Pressure range</b>	<b>Blank</b>	0.05 to 0.7MPa (pressure gauge: G29D-6-P10)	●
	<b>L</b>	0.05 to 0.35MPa (pressure gauge: G39D-6-P04)	●
<b>Relief</b>	<b>Blank</b>	Relief type	●
	<b>N</b>	Nonrelief type	●
<b>Pressure gauge</b> Note 4	<b>Blank</b>	With pressure gauge	●
	<b>T</b>	Without pressure gauge (gauge port Rc1/8)	●
	<b>G39</b>	With pressure gauge (G39D-6-P10)	●
<b>Flow direction</b>	<b>Blank</b>	Standard flow (left → right)	● ●
	<b>X1</b>	Reverse flow (right → left)	● ●
<b>F Installation method</b>			
<b>Blank</b>	DIN rail installation		
<b>D</b>	Direct mount		

Refrigerating type dryer
Desiccant type dryer
High polymer membrane dryer
Air filter
Auto. drain / others
F.R.L. (Module unit)
F.R.L. (Separate)
Compact F.R.
Precise regulator
F.R.L. (Related products)
Clean F.R.
Electro pneumatic regulator
Air booster
Speed control valve
Silencer
Check valve / others
Joint / tube
Vacuum filter
Vacuum regulator
Suction plate
Magnetic spring buffer
Mechanical pressure SW
Electronic pressure SW
Contact / close contact cont. SW
Air sensor
Pressure SW for coolant
Small flow sensor
Small flow controller
Flow sensor for air
Flow sensor for water
Total air system
Total air system (Gamma)
Ending

Block manifold regulator  
F.R.L. unit

### ⚠ Note on model no. selection

Note 1: Air supply block is to be 1 station.

When using three or more stations simultaneously with the common supply, increase one supply block station for every three stations. In this case, indicate specifications in the mix manifold specification sheet.

Note 2: Maximum installation number of direct mount type is 5 stations.

Note 3: Same options and pressure gauge apply for each regulator block.

Note 4:  $\phi$  21; 0 to 1.0MPa pressure gauge is provided as standard.

For low pressure specifications,  $\phi$  27: 0 to 0.4MPa range is provided.

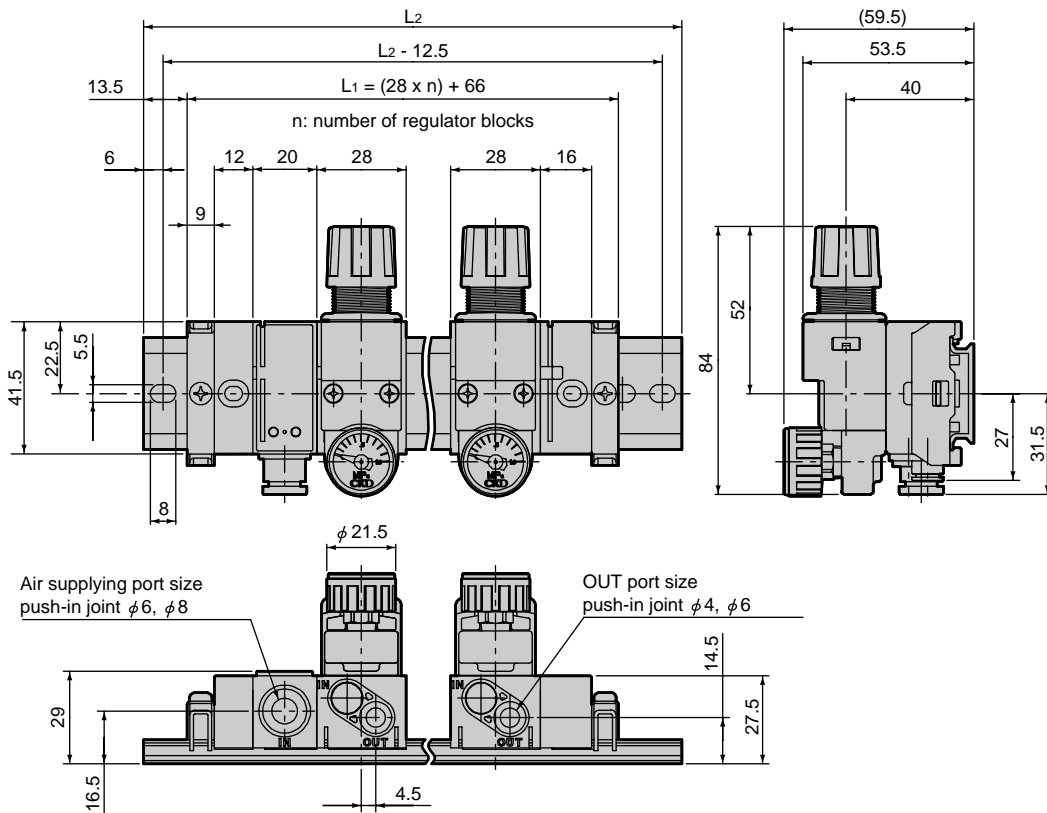
Note 5: When other than basic model specifications, issue the mix manifold specification sheet on page 641.

## Dimensions



### ● Common supply type DIN rail mount type

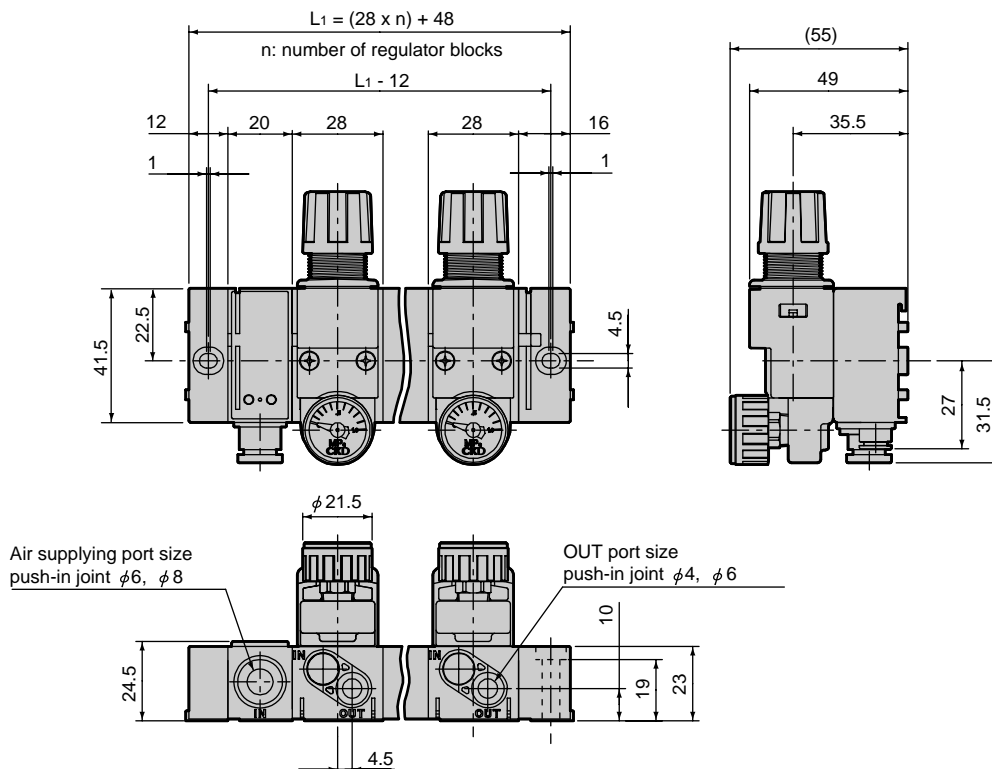
MNRB500A-\*\*C\*\*-\*



Station number	L <sub>2</sub> dimension
1	125
2	150
3	175
4	212.5
5	237.5
6	262.5
7	287.5
8	325
9	350
10	375

### ● Common supply type direct mount type

MNRB500A-\*\*C\*\*-\*-D

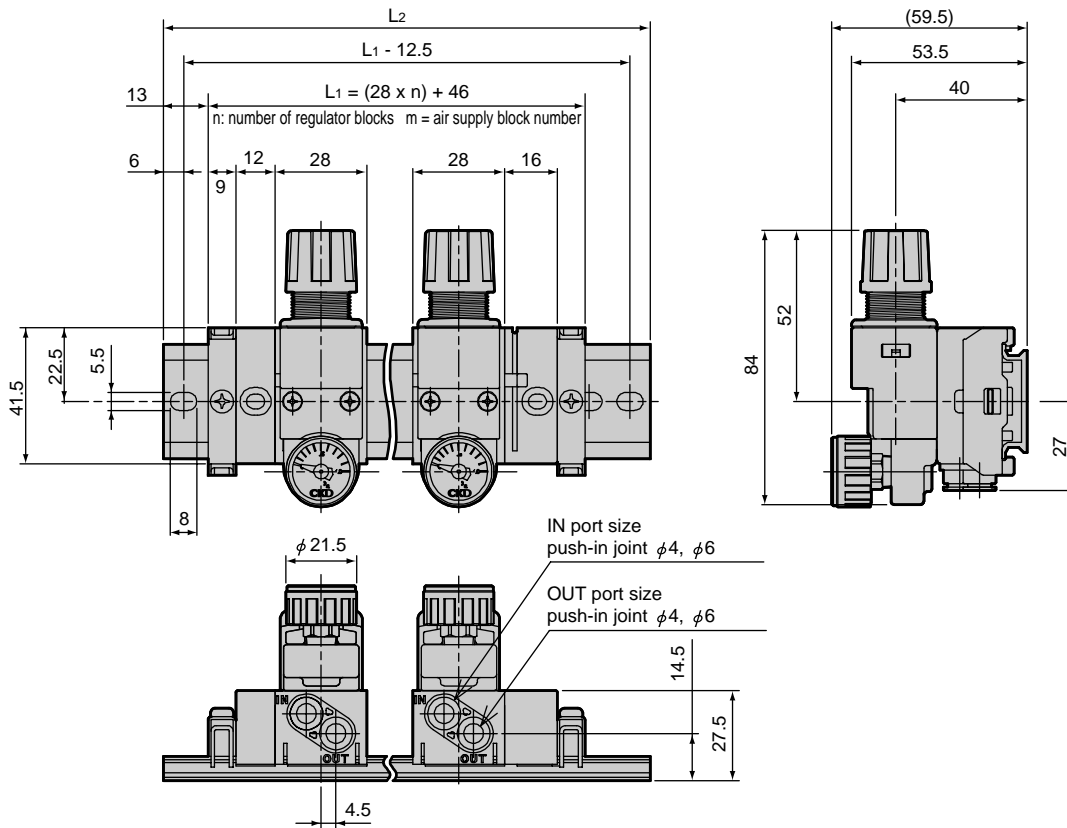


### Dimensions



#### ● Individual supply type DIN rail mount type

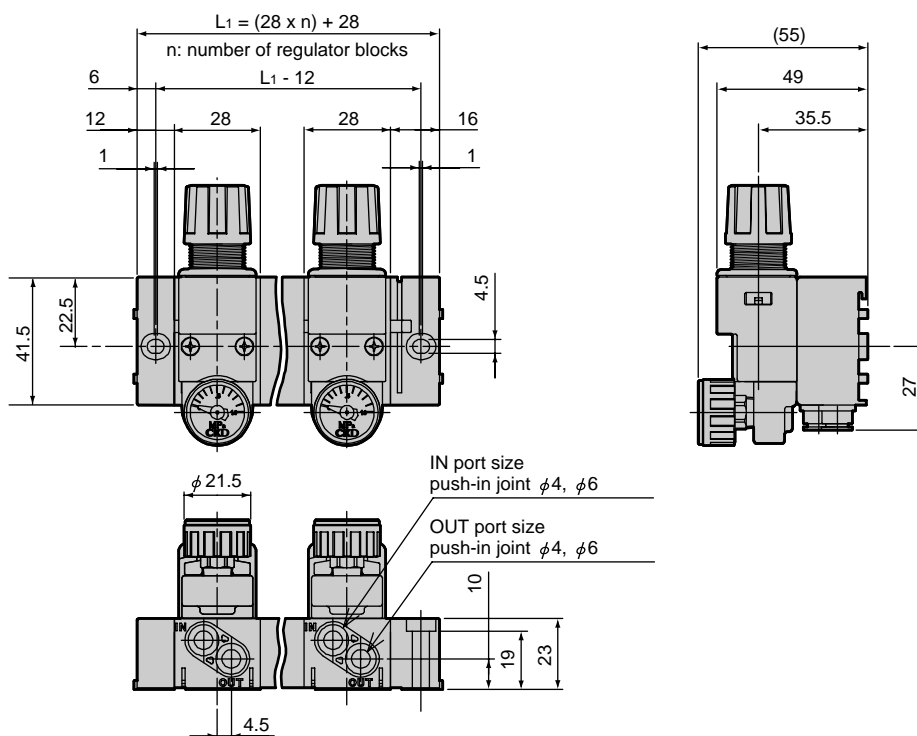
MNRB500B-\*\*C\*-\*



Station number	L <sub>2</sub> dimension
1	100
2	137.5
3	162.5
4	187.5
5	212.5
6	250
7	275
8	300
9	325
10	362.5

#### ● Individual direct mount type

MNRB500B-\*\*C\*-\*<sup>-</sup>D



- Refrigerating type dryer
- Desiccant type dryer
- High polymer membrane dryer
- Air filter
- Auto. drain / others
- F.R.L. (Module unit)
- F.R.L. (Separate)
- Compact F.R.**
- Precise regulator
- F.R.L. (Related products)
- Clean F.R.
- Electro pneumatic regulator
- Air booster
- Speed control valve
- Silencer
- Check valve / others
- Joint / tube
- Vacuum filter
- Vacuum regulator
- Suction plate
- Magnetic spring buffer
- Mechanical pressure SW
- Electronic pressure SW
- Contact / close contact cont. SW
- Air sensor
- Pressure SW for coolant
- Small flow sensor
- Small flow controller
- Flow sensor for air
- Flow sensor for water
- Total air system
- Total air system (Gamma)

Ending

Block manifold regulator  
F.R.L. unit

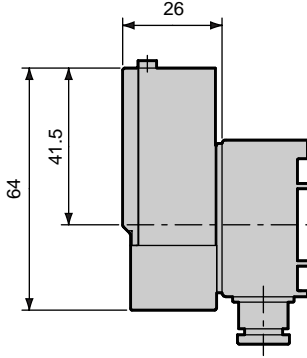
Refrigerating type dryer
Desiccant type dryer
High polymer membrane dryer
Air filter
Auto. drain / others
F.R.L. (Module unit)
F.R.L. (Separate)
Compact F.R.
Precise regulator
F.R.L. (Related products)
Clean F.R.
Electro pneumatic regulator
Air booster
Speed control valve
Silencer
Check valve / others
Joint / tube
Vacuum filter
Vacuum regulator
Suction plate
Magnetic spring buffer
Mechanical pressure SW
Electronic pressure SW
Contact / close contact conf. SW
Air sensor
Pressure SW for coolant
Small flow sensor
Small flow controller
Flow sensor for air
Flow sensor for water
Total air system
Total air system (Gamma)
Ending

## Pressure switch / push-in joint elbow type dimensions

### ● Air supply block with pressure gauge

NRB500-APS-\*C\*

Pressure switch APS is integrated into air supply block to control primary pressure.

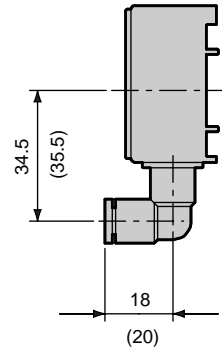


### ● Air supply block

Push-in joint elbow type

NRB500-NP-LC\*

Front or rear piping is enabled with air supply port with elbow joint.



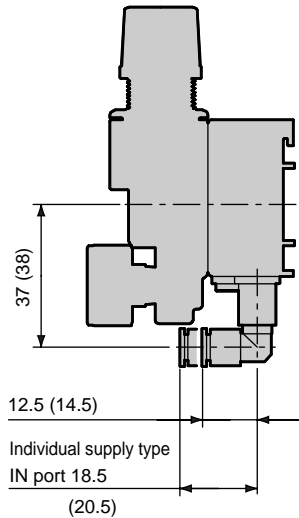
Dimension in ( ) is for C8

### ● Regulator block

Push-in joint elbow type

NRB500\*-\*C\*

Front or rear piping is enabled with IN and OUT ports with elbow joint.



Dimension in ( ) is for C6

- Refrigerating type dryer
- Desiccant type dryer
- High polymer membrane dryer
- Air filter
- Auto. drain / others
- F.R.L. (Module unit)
- F.R.L. (Separate)
- Compact F.R.
- Precise regulator
- F.R.L. (Related products)
- Clean F.R.
- Electro pneumatic regulator
- Air booster
- Speed control valve
- Silencer
- Check valve / others
- Joint / tube
- Vacuum filter
- Vacuum regulator
- Suction plate
- Magnetic spring buffer
- Mechanical pressure SW
- Electronic pressure SW
- Contact / close contact conf. SW
- Air sensor
- Pressure SW for coolant
- Small flow sensor
- Small flow controller
- Flow sensor for air
- Flow sensor for water
- Total air system
- Total air system (Gamma)
- Ending

## Regulator block

### How to order

**NRB500B - SSC4U - NG39**

**A** Model no.

**B** Connection

**C** Option

Symbol		Descriptions	
<b>A Model no.</b>			
NRB500A		Common supply type	
NRB500B		Individual supply type	
<b>B Connection</b>			
Direction	Note 1 IN	S	Straight
		L	Elbow
	OUT	S	Straight
		L	Elbow
Port size	IN-	C4	φ4
	OUT	C6	φ6
OUT side piping	Blank	IN-OUT lower piping	
	U Note 2	OUT side upper porting	
<b>C Option</b>			
Pressure range	Blank	0.05 to 0.7MPa (pressure gauge: G29D-6-P10)	
	L	0.05 to 0.35MPa (pressure gauge: G39D-6-P04)	
Relief	Blank	Relief type	
	N	Nonrelief type	
Pressure gauge	Blank	With pressure gauge	
	T	Without pressure gauge (gauge port Rc1/8)	
	G39	With pressure gauge (G39D-6-P10)	

### ⚠ Note on model no. selection

Note 1: For common supply, IN port connection type is not required

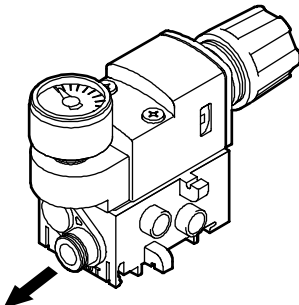
Note 2: Only straight is applicable.

Note 3: φ 21 0 to 1.0MPa pressure gauge is provided as standard.

For low pressure, φ 27 0 to 0.4 MPa low pressure gauge is provided.

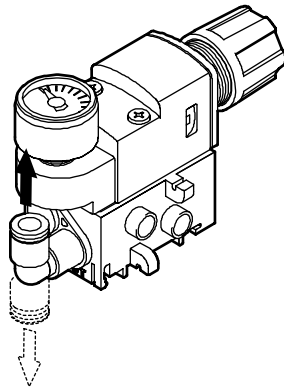
#### ● Common supply straight type

Downward piping is enabled with OUT port with straight joint.



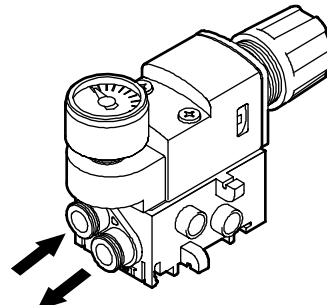
#### ● Common supply elbow type

Front or rear piping is enabled with OUT port with elbow joint.



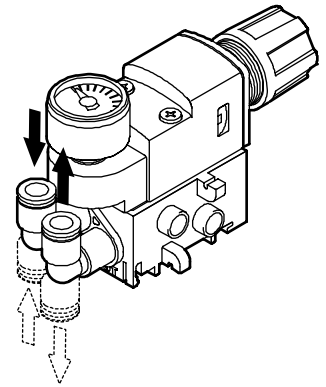
#### ● Individual supply straight type

Front or rear piping is enabled with IN and OUT ports with straight joint.



#### ● Individual supply elbow type

Front or rear piping is enabled with IN and OUT ports with elbow joint.



Sub base

How to order

**NRB500A - NS - SSC4 MP**

**A** Model no.

**B** Connection

**C** Option

### Note on model no. selection

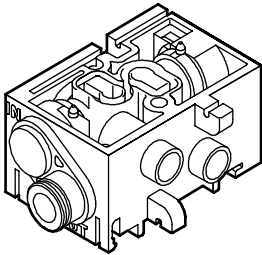
Note 1: For common supply, IN port connection type is not required.

Note 2: Only straight

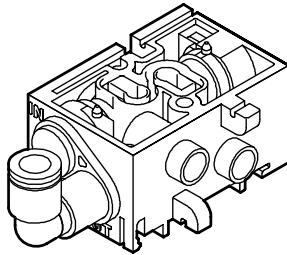
Note 3: When a masking plate is installed, the mix manifold specification is required.

Symbol		Descriptions	
<b>A Model no.</b>			
NRB500A		Common supply	
NRB500B		Individual supply	
<b>B Connection</b>			
Direction	IN	S	Straight
		L	Elbow
	OUT	S	Straight
		L	Elbow
Port size	IN-	C4	φ 4
	OUT	C6	φ 6
OUT side piping	Blank	IN-OUT side lower piping	
	U	OUT side upper porting	
<b>C Option</b>			
T		Without pressure gauge	
Blank		Without masking plate	
MP		With masking plate	

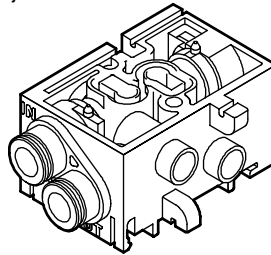
● Common supply straight type  
OUT port with straight joint



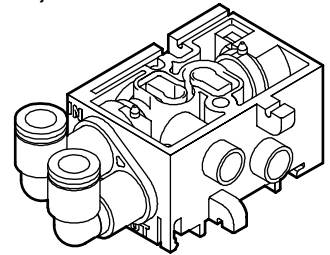
● Common supply elbow type  
OUT port with elbow joint



● Individual supply straight type  
IN, OUT ports with straight joint



● Individual supply elbow type  
IN, OUT ports with elbow joint



Regulator body

How to order

**RB500 - 00 S - NG39**

**A** Connection

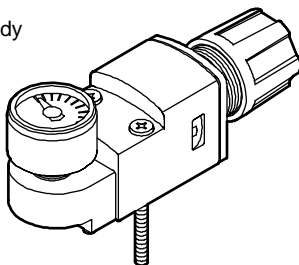
**B** Option

### Note on model no. selection

Note 1: φ21 0 to 1.0MPa pressure gauge is provided as standard. For low pressure, φ27 0 to 0.4 MPa low pressure gauge is provided.

Note 2: For panel installation, indicate option symbol "P".

● Regulator body



Symbol		Descriptions	
<b>A Connection</b>			
S		Discrete (RB500)	
M		Manifold (MNRB500A.B)	
<b>B Option</b>			
Panel mount	Blank	Without nut	
	P	With nut	
Pressure range	Blank	0.05 to 0.7MPa (pressure gauge: G29D-6-P10)	
	L	0.05 to 0.35MPa (pressure gauge: G39D-6-P04)	
Relief	Blank	Relief type	
	N	Nonrelief type	
Pressure gauge	Blank	With pressure gauge	
	T	Without pressure gauge (gauge port Rc1/8)	
	G39	With pressure gauge (G39D-6-P10)	

Refrigerating type dryer  
Desiccant type dryer  
High polymer membrane dryer  
Air filter  
Auto. drain / others  
F.R.L. (Module unit)  
F.R.L. (Separate)  
Compact F.R.  
Precise regulator  
F.R.L. (Related products)  
Clean F.R.  
Electro pneumatic regulator  
Air booster  
Speed control valve  
Silencer  
Check valve / others  
Joint / tube  
Vacuum filter  
Vacuum regulator  
Suction plate  
Magnetic spring buffer  
Mechanical pressure SW  
Electronic pressure SW  
Contact / close contact cont. SW

Air sensor  
Pressure SW for coolant  
Small flow sensor  
Small flow controller  
Flow sensor for air  
Flow sensor for water  
Total air system  
Total air system (Gamma)

Ending

Block manifold regulator  
F.R.L. unit

## Common supply block

### How to order

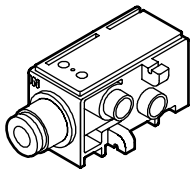
NRB500-NP - SC6

● A Connection

Symbol		Descriptions
● A Connection		
Port size	S	Straight
	L	Elbow
Direction	C6	φ6
	C8	φ8

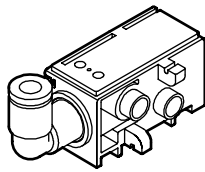
● Straight type

Air supply port with straight joint



● Elbow type

Air supply port with elbow joint



## Common supply block with pressure switch

### How to order

NRB500-APS - SC6 - 3

● A Connection

● B Lead wire length

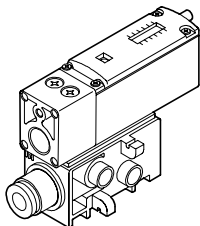
Symbol		Descriptions
● A Connection		
Port size	S	Straight
	L	Elbow
Direction	C6	φ 6
	C8	φ 8
● A Lead wire length		
	Blank	1m
	3	3m
	5	5m

### ⚠ Note on model no. selection

Note 1: When using common supply block with pressure switch, specification of mix manifold on page 641 is required.

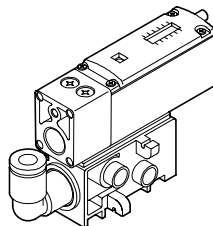
● Straight type

Air supply port with straight joint



● Elbow type

Air supply port with elbow joint





### End block

How to order

**NRB500-NE** **D**

**A** Connection

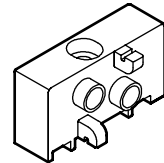
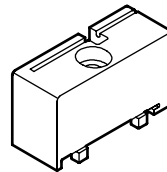
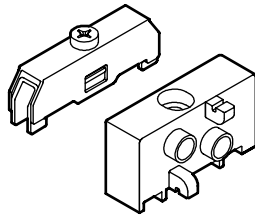
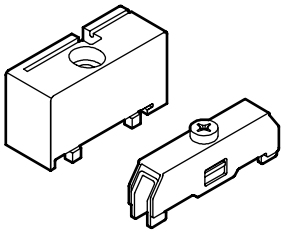
Symbol	Descriptions
<b>A Connection</b>	
Blank	End block R for DIN rail (right)
L	End block L for DIN rail (left)
D	Direct end block R
DL	Direct end block L

● End block R for DIN rail

● End block L for DIN rail

● Direct end block R

● Direct end block L



End blocks R and L are required for manifold configuration.  
For DIN rail, use end blocks R and L with DIN rail bracket.

### DIN rail

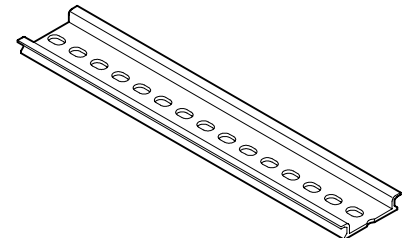
How to order

**NRB500-BAA** **150**

**A** DIN rail dimension  
Note 1

● DIN rail

Symbol	Descriptions
<b>A DIN rail dimension</b>	
125	125mm
150	150mm
⋮	⋮



#### **⚠ Note on model no. selection**

Note 1: Refer to "How to fill out mix manifold specifications" and DIN rail length and manifold dimension for determining DIN dimension, and indicate the dimension on the sheet with mm unit.

### Push-in cartridge joint (regulator block)

How to order

**NRB500 - JOINT -** **CL4**

**A** Type

Symbol	Descriptions	
<b>A Type</b>		
C4	Straight $\phi$ 4	
C6	Straight $\phi$ 6	
CL4	Elbow $\phi$ 4 (discrete)	
CL6	Elbow $\phi$ 6 (discrete)	
CLL4	Long elbow $\phi$ 4 (manifold)	
CLL6	Long elbow $\phi$ 6 (manifold)	

- Refrigerating type dryer
- Desiccant type dryer
- High polymer membrane dryer
- Air filter
- Auto. drain / others
- F.R.L. (Module unit)
- F.R.L. (Separate)
- Compact F.R.L.
- Precise regulator
- F.R.L. (Related products)
- Clean F.R.
- Electro pneumatic regulator
- Air booster
- Speed control valve
- Silencer
- Check valve / others
- Joint / tube
- Vacuum filter
- Vacuum regulator
- Suction plate
- Magnetic spring buffer
- Mechanical pressure SW
- Electronic pressure SW
- Contact / close contact cont. SW
- Air sensor
- Pressure SW for coolant
- Small flow sensor
- Small flow controller
- Flow sensor for air
- Flow sensor for water
- Total air system
- Total air system (Gamma)

Block manifold regulator  
F.R.L. unit

# MNRB500 Series

## Cartridge joint (common air supply block)

### How to order

**NRB500 - Q - JOINT - L6**

**A** Type

Symbol	Descriptions	
<b>A Type</b>		
<b>6</b>	Straight $\phi$ 6	
<b>8</b>	Straight $\phi$ 8	
<b>L6</b>	Elbow $\phi$ 6	
<b>L8</b>	Elbow $\phi$ 8	

## Pressure gauge

### How to order

**G29D - 6 - P10**

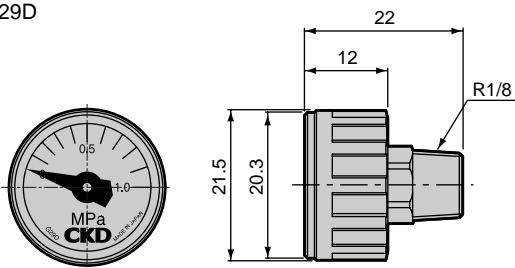
**A** Model no.

**B** Pressure display

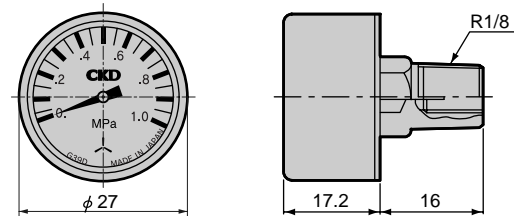
Symbol	Descriptions
<b>A Model no.</b>	
<b>G29D</b>	
<b>G39D</b>	
<b>B Pressure display</b>	
<b>P10</b>	0 to 1.0 MPa
<b>P04</b>	0 to 0.4MPa (only G39D)

### Dimensions

● G29D



● G39D



## Blanking plug

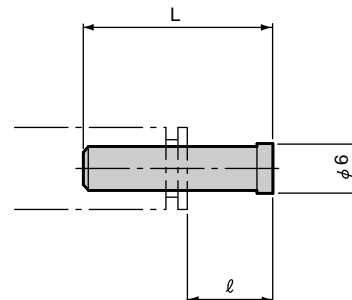
### How to order

**GWP 4 - B**

**A** Connection

Symbol	Descriptions
<b>A Connection</b>	
<b>4</b>	$\phi$ 4
<b>6</b>	$\phi$ 6
<b>8</b>	$\phi$ 8

### Dimensions



### ⚠ Note on model no. selection

Note 1: Sales unit is 10 pieces per unit.

Model no.	Joint port size $\phi$	L	l	d
GWP 4-B	4	27	11	6
GWP 6-B	6	29	11.5	8
GWP 8-B	8	33	14	10

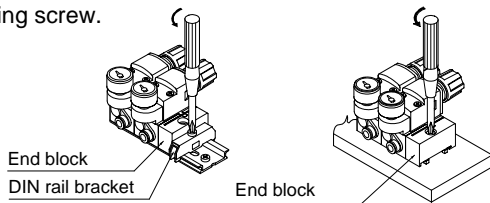
### CAUTION

## Disassembling and assembling the block manifold, and replacing the cartridge joint

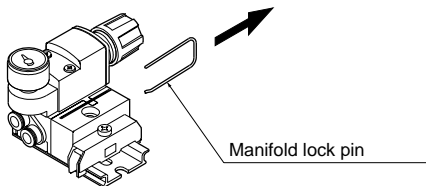
To change the regulator block when the regulator body or regulator block specifications change or when life has been reached, or when adding an air supply block, use the following procedures to expand, disassemble, and assemble parts. Refer to the separate instruction manual for details. Stop the air pressure source supply and release residual pressure before starting disassembly work. After assembling parts, confirm that the lock pin is accurately inserted in the coupling groove between blocks before use. When using DIN rail installing, confirm that the DIN rail bracket is securely fixed onto the end block with no gaps. When directly installing without a DIN rail, check that the end block is fixed with screw before starting use. Air could leak between blocks if the end block is not securely fixed.

### Replacing the regulator block and air supply block

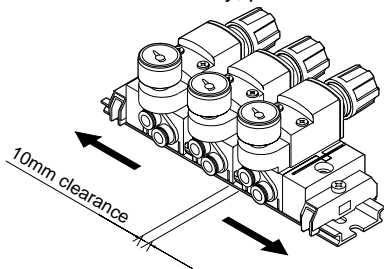
- When using the DIN rail installing, loosen the DIN rail bracket set screw. When directly installing without a DIN rail, remove the end block fixing screw.



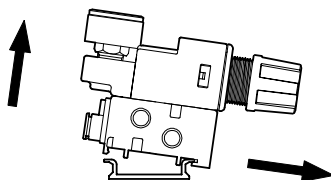
- Using a tip thin screwdriver, pull out the manifold lock pin coupling the regulator block and air supply block to be replaced.



- Slide the block toward the end block, and make an approximately 10mm opening at both ends of the block to be replaced. When installed directly, pull out blocks on both sides.



- Remove the pressure gauge up by pulling it up and toward the pressure adjustment knob. When DIN rail brackets on both sides are slid 2mm or more from the end block, the entire manifold block can be removed.



- Replace with a new block.
- Check that there is no gap between blocks, and then insert the manifold lock pin until it contacts the bottom of the groove.
- Refer to the safety precautions and installation methods, and fix the manifold block.

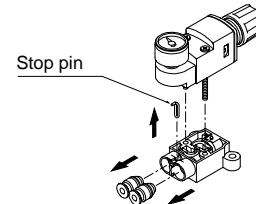
### Increasing the regulator and air supply block rows

- If blocks may be increased, order the DIN rail with a length providing for the increase. If the DIN rail is too short when blocks are increased, replace with a DIN rail that accommodates the increase.
- When installing with DIN rails, fix DIN rail brackets. When directly installing without a DIN rail, fix the end block.

### Replacing the cartridge joint

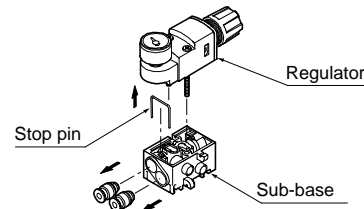
#### Replacing the compact regulator

- Loosen the screw on the regulator body, and disassemble the piping block.
- Using a minus screwdriver, etc., remove the lock pin inserted onto the top of the sub base. Replace the cartridge joint. Confirm that there is no dirt, etc., on the joint's O-ring, and then assemble it in the original position. Tighten the regulator body tightening screw with a torque of 0.5 to 0.8 N·m.

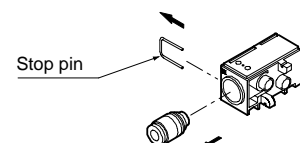


#### Replacing the block manifold

- Disassemble the block following the regulator block and air supply block replacement procedures.
- To replace the regulator block's cartridge joint, loosen the screw on the regulator body, and disassemble the sub base. Using a minus screwdriver, etc., remove the lock pin inserted onto the top of the sub-base. Replace the cartridge. Confirm that there is no dirt, etc., on the joint's O-ring, and then assemble it in the original position. Tighten the regulator body tightening screw with a torque of 0.5 to 0.8 N·m.



To replace the air supply block cartridge joint, remove the lock pin inserted on the air supply block side with a minus driver, etc. Then, replace the cartridge joint.



- Check that the cartridge joint is fixed with the lock pin and will not move.

Refrigerating type dryer
Desiccant type dryer
High polymer membrane dryer
Air filter
Auto. drain / others
F.R.L. (Module unit)
F.R.L. (Separate)
Compact F.R.
Precise regulator
F.R.L. (Related products)
Clean F.R.
Electro pneumatic regulator
Air booster
Speed control valve
Silencer
Check valve / others
Joint / tube
Vacuum filter
Vacuum regulator
Suction plate
Magnetic spring buffer
Mechanical pressure SW
Electronic pressure SW
Contact / close contact cont. SW
Air sensor
Pressure SW for coolant
Small flow sensor
Small flow controller
Flow sensor for air
Flow sensor for water
Total air system
Total air system (Gamma)

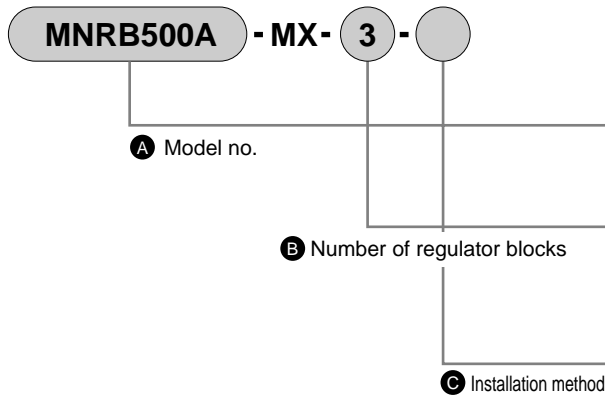
Ending

Block manifold regulator  
F.R.L. unit

## How to fill out mix manifold specifications

### ● Mix manifold model No.

Refer to page 634 to 638 for model No. per component.



Symbol	Descriptions
<b>A Model no.</b>	
<b>MNRB500A</b>	Common supply type
<b>MNRB500B</b>	Individual supply type
<b>B Number of regulator blocks</b>	
<b>1</b>	1 station
<b>2</b>	2 stations
<b>⋮</b>	<b>⋮</b>
<b>C Installation method</b>	
<b>Blank</b>	DIN rail
<b>D Note 1</b>	Direct mount

### ⚠ Note on model no. selection

Note 1: Station number of direct mount block is to be within 6 blocks including regular and air supply blocks.

However, a regular block is to be 5 stations or less.

Note 2: If common supply and individual supply types are combined, please consult with CKD.

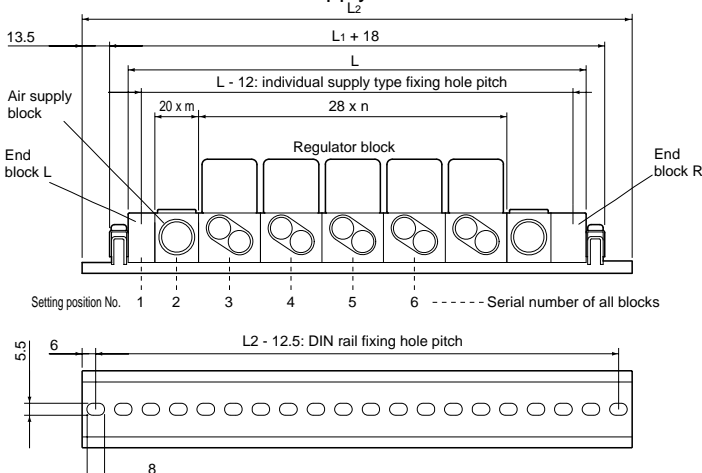
Configurations	Model no.	Installation position														Quantity		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14			
End block L	NRB500 - NE [ L ]	○																1
Common air supply block	NRB500 - NP - [ ]																	
Common air supply block with APS	NRB500 - APS - [ SC6 ] - [ 3 ]		○															1
Regulator block	NRB500 [ A ] - [ SC6 ] [ ] [ ] [ ] [ ]			○	○	○												3
	NRB500 [ ] - [ ] [ ] [ ] [ ] [ ]																	
	NRB500 [ ] - [ ] [ ] [ ] [ ] [ ]																	
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	NRB500 [ ] - [ ] [ ] [ ] [ ] [ ]																	
	NRB500 [ ] - [ ] [ ] [ ] [ ] [ ]																	
Sub-base with masking plate	NRB500 [ ] - NS - [ ] - MP																	
End block R	NRB500 - NE [ ]						○											1
DIN rail	L <sub>2</sub> = [ 175 ] mm	Accessories		Blanking plug		GWP4-B		Piece	GWP8-B		Piece							
				GWP6-B		Piece												

### ● DIN rail length and manifold dimensions

Manifold length L<sub>2</sub>: Refer to below table.

$$L = (28 * n) + (20 * m) + 28$$

n: Regulator block number  
m: Air supply block number



### ● Common supply type Manifold L<sub>2</sub> dimensions

Station number	Dimension of m = 1	Dimension of m = 2	Dimension of m = 3
1	125		
2	150		
3	175	200	
4	212.5	225	
5	237.5	262.5	275
6	262.5	287.5	300
7	287.5	312.5	337.5
8	325	337.5	362.5
9	350	375	387.5
10	375	400	412.5

### ● Individual supply type Manifold L<sub>2</sub> dimensions

Station number	L <sub>2</sub> dimension
1	100
2	137.5
3	162.5
4	187.5
5	212.5
6	250
7	275
8	300
9	325
10	362.5

### MNRB500mix manifold specification sheet

Contact \_\_\_\_\_

Slip No. \_\_\_\_\_ Quantity \_\_\_\_\_ Set \_\_\_\_\_ Delivery \_\_\_\_\_ / \_\_\_\_\_

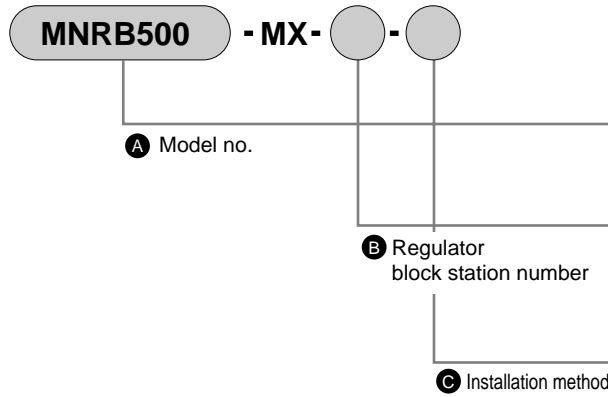
Issue date \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

Your company name \_\_\_\_\_

Contact \_\_\_\_\_

Order No. \_\_\_\_\_

#### ● Mix manifold model No.



Symbol	Descriptions
<b>A Model no.</b>	
MNRB500A	Common supply type
MNRB500B	Individual supply type
<b>B Number of regulator blocks</b>	
1	1 station
2	2 stations
⋮	⋮
<b>C Installation method</b>	
Blank	DIN rail
D Note 1	Direct mount

#### ⚠ Note on model no. selection

Note 1: Station number of direct mount block is to be within 6 blocks including regular and air supply blocks. However, a regular block is to be 5 stations or less.

Note 2: If common supply and individual supply types are combined, please consult with CKD.

#### ● Mix manifold specifications

Configurations	Model no.	Installation position														Quantity	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14		
End block L	NRB500 - NE <input type="checkbox"/>																
Common air supply block	NRB500 - NP - <input type="checkbox"/>																
Common air supply block with APS	NRB500 - APS - <input type="checkbox"/> - <input type="checkbox"/>																
Regulator block	NRB500 <input type="checkbox"/> - <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>																
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Sub-base with masking plate	NRB500 <input type="checkbox"/> - NS - <input type="checkbox"/> - MP																
End block R	NRB500 - NE <input type="checkbox"/>																
DIN rail	L <sub>2</sub> = <input type="checkbox"/> mm	Accessories		GWP4-B		GWP8-B		GWP6-B		GWP8-B		GWP6-B		GWP8-B		GWP6-B	
		Blanking plug		Piece		Piece		Piece		Piece		Piece		Piece		Piece	

- Refrigerating type dryer
- Desiccant type dryer
- High polymer membrane dryer
- Air filter
- Auto. drain / others
- F.R.L. (Module unit)
- F.R.L. (Separate)
- Compact F.R.
- Precise regulator
- F.R.L. (Related products)
- Clean F.R.
- Electro pneumatic regulator
- Air booster
- Speed control valve
- Silencer
- Check valve / others
- Joint / tube
- Vacuum filter
- Vacuum regulator
- Suction plate
- Magnetic spring buffer
- Mechanical pressure SW
- Electronic pressure SW
- Contact / close contact cont. SW
- Air sensor
- Pressure SW for coolant
- Small flow sensor
- Small flow controller
- Flow sensor for air
- Flow sensor for water
- Total air system
- Total air system (Gamma)
- Ending

Block manifold regulator F.R.L. unit