## How to fill out mix manifold specifications sheet

### ● Mix manifold model No.

Mix manifolds consisting of the compact direct acting precision (RJB500 Series) and general-purpose (RB500 S eries) are available.
Refer to pages 498 to 502 for model No. per component.

**MNRB500A - MX - 3 -** ○

Ⓐ Model No.
Ⓑ Number of regulator blocks
Ⓒ Installation method

| Code | Description |
|---|---|
| **Ⓐ Model No.** | |
| **MNRJB500A** | Common supply (when selecting compact direct acting precision regulator only) |
| **MNRB500A** | Common supply (for compact direct acting precision regulator, general purpose regulator mixed) |
| **MNRJB500B** | Individual supply (when selecting compact direct acting precision regulator only) |
| **MNRB500B** | Individual supply (for compact direct acting precision regulator, general regulator mixed) |
| **Ⓑ Number of regulator blocks** | |
| **1** | 1 station |
| **2** | 2 stations |
| ⋮ | ⋮ |
| **Ⓒ Installation method** | |
| **Blank** | DIN rail |
| **D** *1 | Direct mount |

### ⚠ Precautions for model No. selection

*1: The number of stations of direct mount blocks should be within 6 blocks, including regulator and air supply blocks. However, a regulator block is to be 5 stations or less.
*2: Grease-free specifications are not available when NRB500* and common supply block with APS are used. Grease is applied before assembly.
*3: Contact CKD if the common supply and the individual supply types are combined.

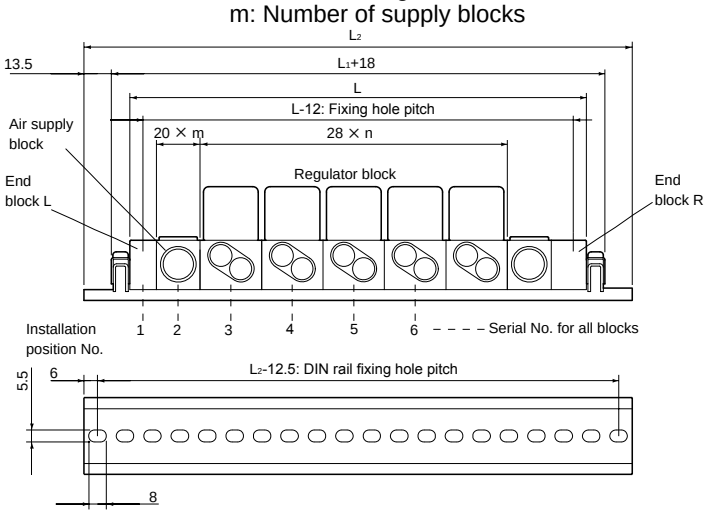
| Configuration | Installation position / Model No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | Qty. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| End block L | N RB 500 - NE | ○ | | | | | | | | | | | | | | 1 |
| Common supply block | N RB 500 - NP - | | ○ | | | | | | | | | | | | | |
| Common supply block with APS | NRB500 - APS - SC6 - 3 | | | ○ | | | | | | | | | | | | 1 |
| Regulator block | N RB 500 A - SC6 - | | | | ○ | ○ | | | | | | | | | | 1 |
| | N RJB 500 A - SC6 - | | | | | | | | | | | | | | | 2 |
| | N 500 - - - | | | | | | | | | | | | | | | |
| | N 500 - - - | | | | | | | | | | | | | | | |
| | N 500 - - - | | | | | | | | | | | | | | | |
| | N 500 - - - | | | | | | | | | | | | | | | |
| | N 500 - - - | | | | | | | | | | | | | | | |
| | N 500 - - - | | | | | | | | | | | | | | | |
| Sub-base with masking plate | N 500 - NS - - MP | | | | | | | | | | | | | | | |
| End block R | N RB 500 - NE | | | | | | ○ | | | | | | | | | 1 |
| DIN rail | $L_2$= 175 mm | Accessory Blanking plug | | | | GWP4-B pcs. GWP6-B pcs. | | | | | GWP8-B pcs. | | | | | |

### ● DIN rail length and manifold dimensions

Manifold length L2: Refer to the table on the right.

$L=(28 \times n)+(20 \times m)+ 28$

n: Number of regulator blocks
m: Number of supply blocks




● Common supply
Manifold $L_2$ dimensions

| Stn No. | m=1 Dimension | m=2 Dimension | m=3 Dimension |
|---|---|---|---|
| 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
Manifold
$L_2$ dimension

| Stn No. | $L_2$ 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 |

# MNRJB500 mix manifold specification sheet

Issued / /

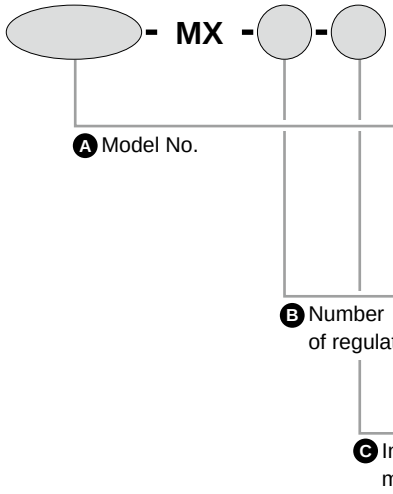
Contact

Your company name

Slip No. Quantity Set Delivery date / Contact

Order No.

## ● Mix manifold model No.




| Code | Description |
|---|---|
| **Ⓐ Model No.** | |
| **MNRJB500A** | Common supply (when selecting compact direct acting precision regulator only) |
| **MNRB500A** | Common supply (for compact direct acting precision regulator, general purpose regulator mixed) |
| **MNRJB500B** | Individual supply (when selecting compact direct acting precision regulator only) |
| **MNRB500B** | Individual supply (for compact direct acting precision regulator, general regulator mixed) |
| **Ⓑ Number of regulator blocks** | |
| **1** | 1 station |
| **2** | 2 stations |
| ⋮ | ⋮ |
| **Ⓒ Installation method** | |
| **Blank** | DIN rail |
| **D** *1 | Direct mount |

## ⚠ Precautions for model No. selection

*1: The number of stations of direct mount blocks should be within 6 blocks, including regulator and air supply blocks.
However, a regulator block is to be 5 stations or less.
*2: Grease-free specifications are not available when NRB500* and common supply block with APS are used. Grease is applied before assembly.
*3: Contact CKD if the common supply and the individual supply types are combined.

## ● Mix manifold specification

| Configuration | Installation position / Model No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | Qty. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| End block L | N □ 500-NE | | | | | | | | | | | | | | | |
| Common supply block | N □ 500-NP- □ | | | | | | | | | | | | | | | |
| Common supply block with APS | NRB500-APS- □ - □ | | | | | | | | | | | | | | | |
| Regulator block | N □ 500 □ - □ - □ | | | | | | | | | | | | | | | |
| | N □ 500 □ - □ - □ | | | | | | | | | | | | | | | |
| | N □ 500 □ - □ - □ | | | | | | | | | | | | | | | |
| | N □ 500 □ - □ - □ | | | | | | | | | | | | | | | |
| | N □ 500 □ - □ - □ | | | | | | | | | | | | | | | |
| | N □ 500 □ - □ - □ | | | | | | | | | | | | | | | |
| | N □ 500 □ - □ - □ | | | | | | | | | | | | | | | |
| | N □ 500 □ - □ - □ | | | | | | | | | | | | | | | |
| Sub-base with masking plate | N □ 500 □ - NS - □ -MP | | | | | | | | | | | | | | | |
| End block R | N □ 500-NE | | | | | | | | | | | | | | | |
| DIN rail *4 | $L_2$= mm | Accessory | | | | GWP4-B | | | | pcs. | GWP8-B | | | | | pcs. |
| | | Blanking plug | | | | GWP6-B | | | | pcs. | | | | | | |

*4: Select the DIN rail $L_2$ dimensions from the $L_2$ dimensions given on page 504.