

How to fill out MEVT manifold specifications sheet (Ver. 2)

● Manifold model No. (example)

MEVT 500 - 1 C4 - T9DAR - 12 - U - 3

Model No. **A** Pressure control range **B** Control input signal **C** Port size **D** Wiring/Supply and exhaust block **F** Station No. **G** DIN rail mounting direction **H** Voltage

Part name	Model No.	Layout position																															Quantity
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
EVT	EVT-500-1-C4		○	○	○	○		○	○	○	○		○	○	○	○																	12
	EVT-																																
	EVT-																																
	EVT-																																
	EVT-																																
Wiring/supply/exhaust block	EVT-T9DAR-C4						○					○					○															3	
End block	EVT-EL (for left side)	○																														1	
	EVT-ER (for right side)																	○														1	
DIN rail	L2=	Accessory	Blanking plug										Silencer																				
			GWP4-B					GWP6-B					SLW-H6																				

*1 DIN rail length (L₂)

(1) Find DIN rail length by the calculation shown below.

The obtained length is standard. (2) For standard length, length (L₂) is not required on the specification sheet.

Indicate the length when using a non-standard length. Select the length based on the following DIN rail length setting table L₂.

● How to calculate length of DIN rail

Manifold length (L₁) = (A × n) + (B × m) + (C × l) + D × 2

DIN rail length (L₂) = L₂' × 12.5

$$L_2' : \frac{L_1 + 40}{12.5} \rightarrow \text{round up to integer}$$

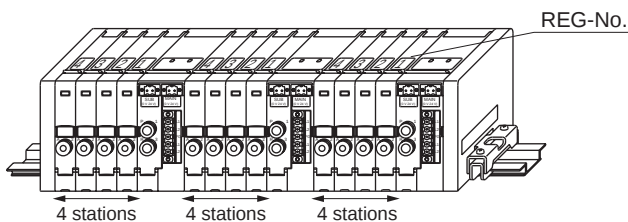
DIN rail mounting pitch (L₃) = L₂ - 12.5

*2 Multiple combinations between serial transmission

Multiple serial transmission can be combined and installed on the same DIN rail.

(Max. station No.: 12 (T9DAR/T9GAR))

Install EVT or end block next to serial transmission slave unit. Indicate the combination on the manifold specification sheet. Example) EVT: 12 stations, wiring, supply and exhaust block T9DAR: 4 units × 3



● DIN rail length setting table

Pitch L ³	L ² ∴ Rail length	L ¹ ∴ Manifold length	97.5 Over	110 to	122.5 to	135 to	147.5 to	160 to	172.5 to	185 to	197.5 to	210 to	222.5 to	235 to	247.5 to	260 to	272.5 to	285 to	297.5 to	310 to	322.5 to	335 to	347.5 to	360 to	372.5 to	385 to	397.5 to	410 to	422.5 to	435 to
			110 or less	122.5 to	135 to	147.5 to	160 to	172.5 to	185 to	197.5 to	210 to	222.5 to	235 to	247.5 to	260 to	272.5 to	285 to	297.5 to	310 to	322.5 to	335 to	347.5 to	360 to	372.5 to	385 to	397.5 to	410 to	422.5 to	435 to	447.5 to
			137.5	150	162.5	175	187.5	200	212.5	225	237.5	250	262.5	275	287.5	300	312.5	325	337.5	350	362.5	375	387.5	400	412.5	425	437.5	450	462.5	475
125	137.5	150	162.5	175	187.5	200	212.5	225	237.5	250	262.5	275	287.5	300	312.5	325	337.5	350	362.5	375	387.5	400	412.5	425	437.5	450	462.5	475		

*1: When L₁ exceeds this table range, calculate according to "How to calculate DIN rail length".

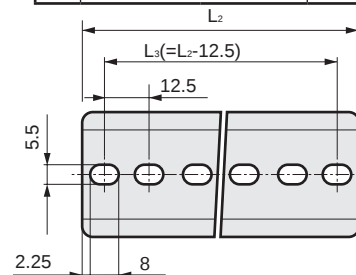
[Notes]

- With piping port facing front, set arrangement positions in order from the left.
- Refer to the block components (pages 646 to 648) and select the model No.
- Allocation numbers 1 to 31 on the table above are for reference. As shown on the EVT wiring cover, REG-No. is assigned as 1, 2, 3... per wiring/supply and exhaust block from the nearest side.

n, m and l show usage per block.

n: EVT m: Wiring/supply and exhaust block l: End block
A, B, C, D, and E indicate the length (width) of each block.

			Block width (mm)
A	EVT		14
B	Wiring/Supply and exhaust block	T11R	42
		T30R	42
		T9*	32
C	End block		10
D	Retainer		11.5



MEVT Manifold specifications (Ver.2)

● Manifold model No.

MEVT - - - - -

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			GWP4-B					GWP6-B					SLW-H6																				

- With piping port facing front, set arrangement positions in order from the left.
- As shown on the EVT wiring cover, REG-No. is assigned as 1, 2, 3, ... per wiring/supply and exhaust block from the nearest side.
- Install wiring/supply and exhaust block to right side of EVT. As the serial transmission allows for left side installation, consult with CKD.

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
PrescR
VacF/R
Clean FR
ElecPneuR
AirBoost
Speed Ctrl
Silncr
CheckV/ other
Fit/Tube
Nozzle
Air Unit
PrescCompn
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