

# Midi-Pneumatic Sub-bases/Manifolds

Manifold Sub-bases, INCH and Metric Series

## Manifold Sub-base

For valves with 0.16 in / 4 mm orifice or 0.20 in / 5 mm orifice for sub-base mounting  
For solenoid valves, Types MEH-, MOEH-, JMEH-

Type AW-ME-1/8  
AW-ME-1/8-NPT

For pneumatic valves,  
Type VL-/J-...-5.0

Type AW-VL-1/8  
AW-VL-1/8-NPT

Each sub-base assembly includes a flange screw and seal.

## End Plate Kit

Type EP-ME-1/8  
EP-ME-1/8-NPT

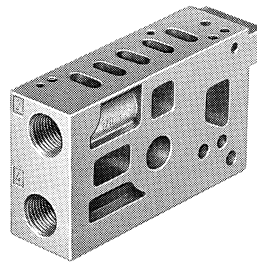
For building manifold assemblies

The kit includes:

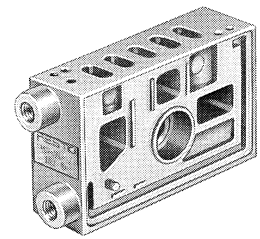
2 end plates, one seal, and one flange screw

**Note:** A manifold assembly must be built up from right to left; begin by attaching one sub-base AW-ME-1/8 (-NPT) with seal to the right end plate, finish by attaching the left end plate with seal to the final sub-base AW-ME-1/8 (-NPT) or AW-VL-1/8 (-NPT).

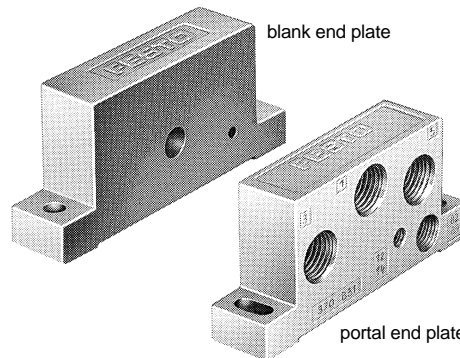
AW-ME-1/8 (-NPT)



AW-VL-1/8 (-NPT)



EP-ME-1/8 (-NPT)



## Accessories:

Cover plate Type PRMEB-5 for blocking unused positions

Order Number 31798 PRMEB-5

## Note:

When combining solenoid and air-piloted valves in one manifold assembly, always position the AW-ME-1/8 sub-bases next to the ported end plate (EP-ME-...).

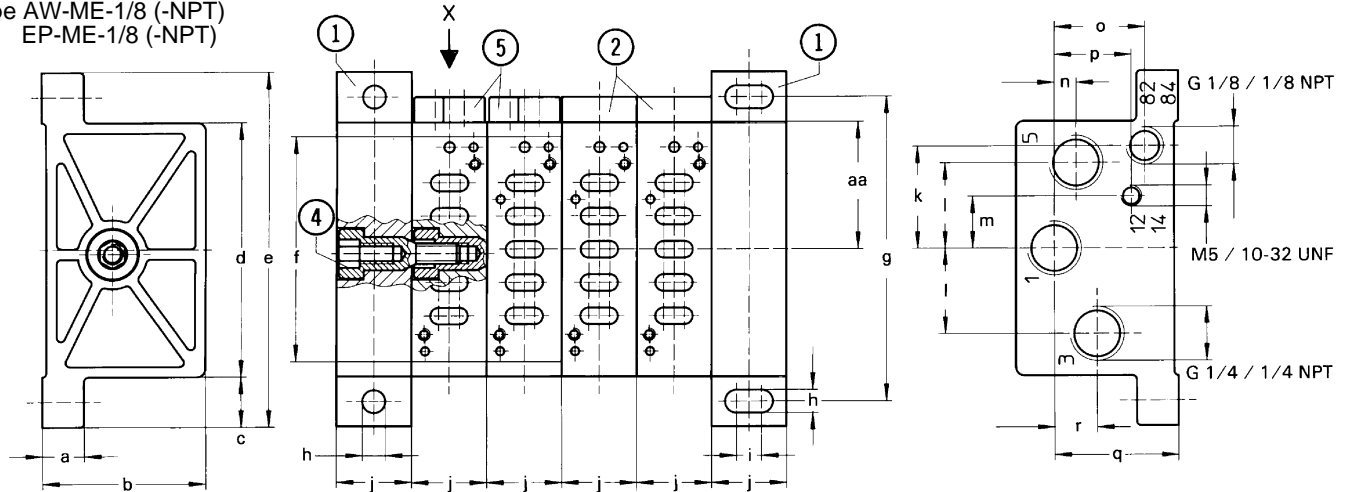
Order Number	ISO Connection	33406 AW-ME-1/8 152801 AW-VL-1/8	33407 EP-ME-1/8
	NPT Connection	151660 AW-ME-1/8-NPT 152802 AW-VL-1/8-NPT	151661 EP-ME-1/8-NPT
Mounting		Manifold assembly	Through-holes
Connection	Working Port	G 1/8 ISO / 1/8 NPT	
	Pilot Port	M5 / 10-32 UNF	
Material		Diecast aluminum	
Weight		0.165 lb / 0.075 kg	0.353 lb / 0.160 kg

# Midi-Pneumatic Sub-bases/Manifolds

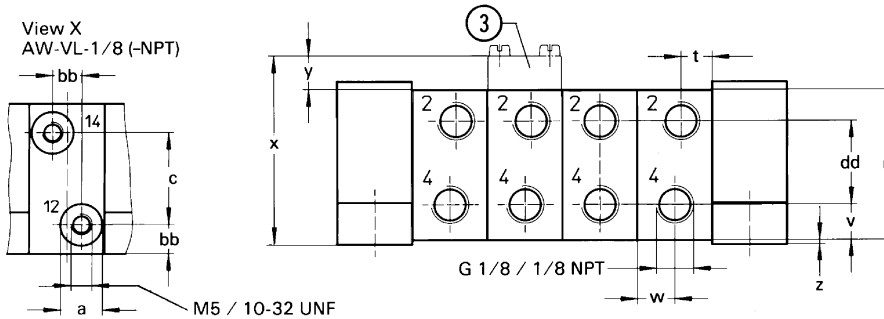
## Dimensions

**FESTO**

Type AW-ME-1/8 (-NPT)  
EP-ME-1/8 (-NPT)



View X  
AW-VL-1/8 (-NPT)



- ① End plate kit, Type EP-ME-1/8 (-NPT)
- ② Manifold sub-base, Type AW-ME-1/8 (-NPT)
- ③ Cover plate, Type PRMEB-5
- ④ Flange screws for attaching the end plate to the manifold sub-base
- ⑤ Manifold sub-base, Type AW-VL-1/8 (-NPT) for pneumatic valves, Type VL-/J-...-5.0

- 1 (P) = Supply port
- 4, 2 (A, B) = Working or outlet port
- 5, 3 (R, S) = Exhaust port
- 12, 14 = External pilot
- 82, 84 = Pilot exhaust

### Dimensions

a	0.39 in / 10 mm	p	0.73 in / 18.5 mm
b	1.54 in / 39 mm	q	1.17 in / 29.75 mm
c	0.47 in / 12 mm	r	0.40 in / 10.25 mm
d	2.40 in / 61 mm	t	0.30 in / 7.5 mm
e	3.35 in / 85 mm	u	1.42 in / 36 mm
f	2.13 in / 54 mm	v	0.33 in / 8.5 mm
g	2.87 in / 73 mm	w	0.35 in / 9 mm
h	0.22 in / 5.5 mm	x	1.77 in / 45 mm
i	0.24 in / 6 mm	y	0.31 in / 8 mm
j	0.71 in / 18 mm	z	0.04 in / 1 mm
k	0.96 in / 24.5 mm	aa	1.20 in / 30.5 mm
l	0.81 in / 20.5 mm	bb	0.28 in / 7 mm
m	0.49 in / 12.5 mm	cc	0.87 in / 22 mm
n	0.21 in / 5.25 mm	dd	0.79 in / 20 mm
o	0.86 in / 21.75 mm		

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