Series VFS1000
Manifold/Bar Style

Compact and lightweight
Compact due to manifolding on a single base for mounting in small spaces.

Protection of the environment from pilot exhaust
Use of the VV5FS1-30 manifold can exhaust intensively the pilot exhaust gas to the base side, and can prevent environmental aggravation due to noise and oil mist.

VV5FS1-20

VV5FS1-30

Specifications

Manifold base	Bar manifold, Body ported
Stations	Max. 15

Port Specifications

Symbol	Port specification		Porting specification (Connecting port size)		
			Base	Valve	Base
	P	EA, EB	P	A, B	EA, EB
1	Common	Common	Side/Rc (PT)1/8	Top/Rc (PT)1/8	Side/Rc (PT)1/8

Option

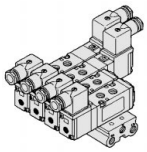
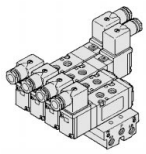
Blank plate assembly	VVFS1000-10A-1	With gasket, screws

How to Order Manifold Base

VV5FS1 – 20 – 05 1 – 01 □

Series VFS1000 Manifold

Base Model

Type	Pilot exhaust	Applicable valve
20	Individual EXH 	VFS1□20-□□-01
30	Common EXH 	VFS1□30-□□-01 ∗VFS1□20-□□-01 mountable

Stations

02	2 stations
⋮	⋮
15	15 stations

Symbol

Symbol	Port specifications		Porting specifications
	P	EA, EB	
1	Common Rc (PT)1/8	Common Rc (PT)1/8	Top porting Rc (PT)1/8

P, EA, EB Port size
01—Rc (PT)1/8

Thread

–	Rc (PT)
N∗	NPT
T∗	NPTF
F∗	G (PF)

∗Option

How to Order Manifold Base Assembly

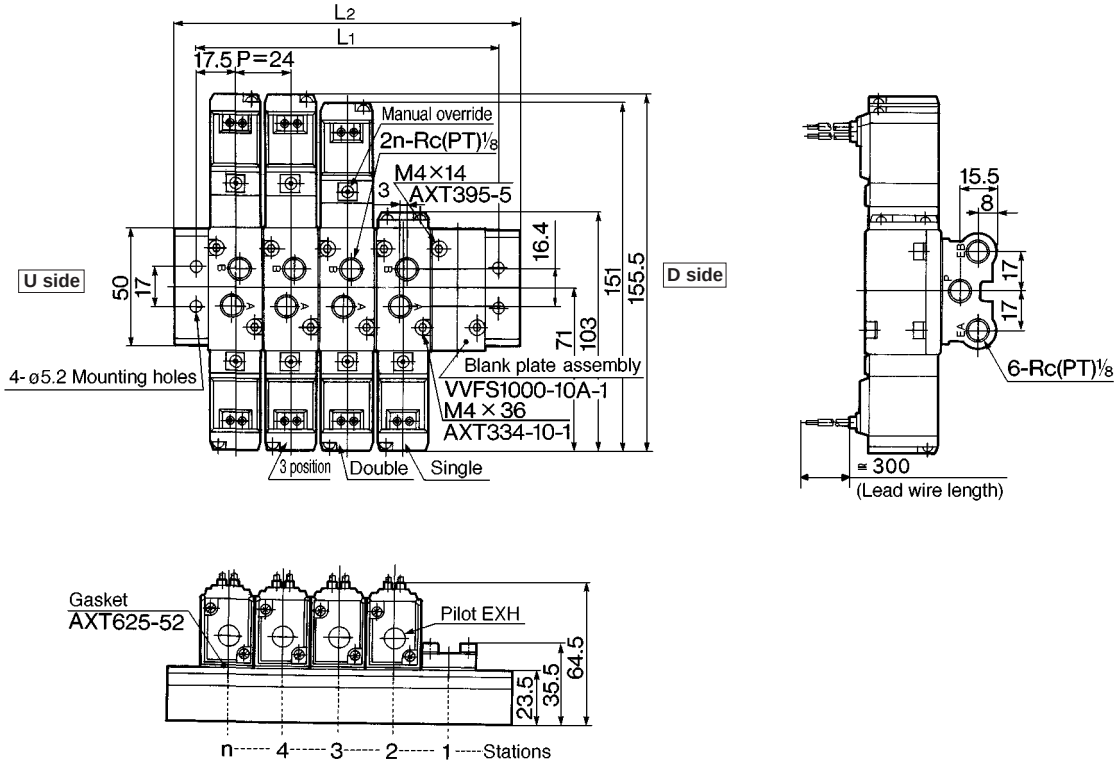
Please indicate manifold base style, valve model, and blank plate.

≪Example≫

(Manifold base style)	**VV5FS1-20-061-01**	1
(2 position single)	**VFS1120-1D-01**	3
(2 position double)	**VFS1220-1D-01**	2
(Blank plate)	**VVFS1000-10A-1**	1

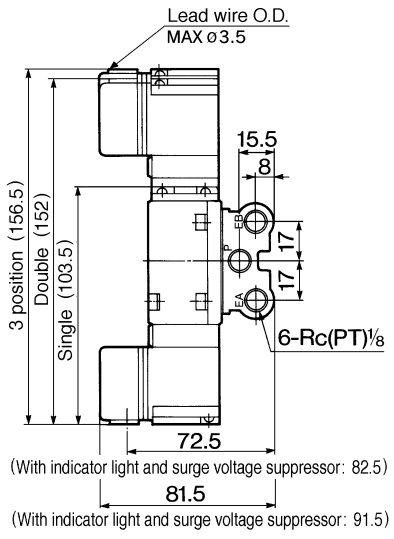
20 Type Manifold Pilot Individual Exhaust: VV5FS1-20-Station 1-01

Grommet: G

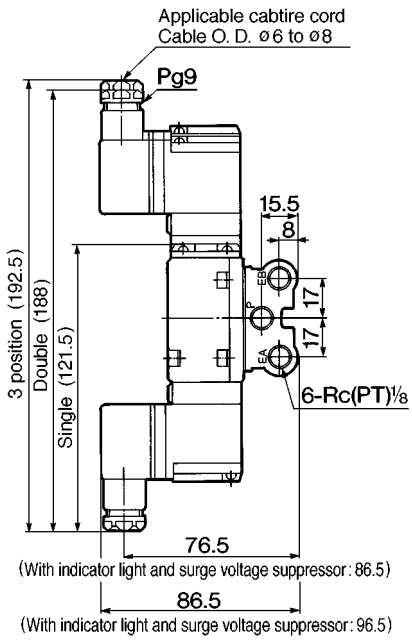


General formula of weight/Manifold M=0.049n+0.059 (kg) n: Station

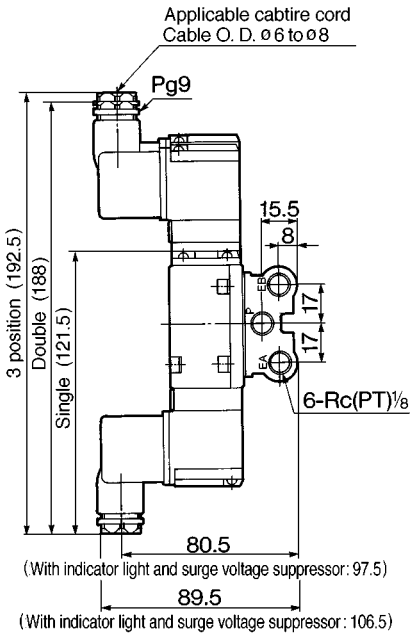
Grommet terminal: E, EZ



Conduit terminal: T, TZ



DIN connector: D, DZ



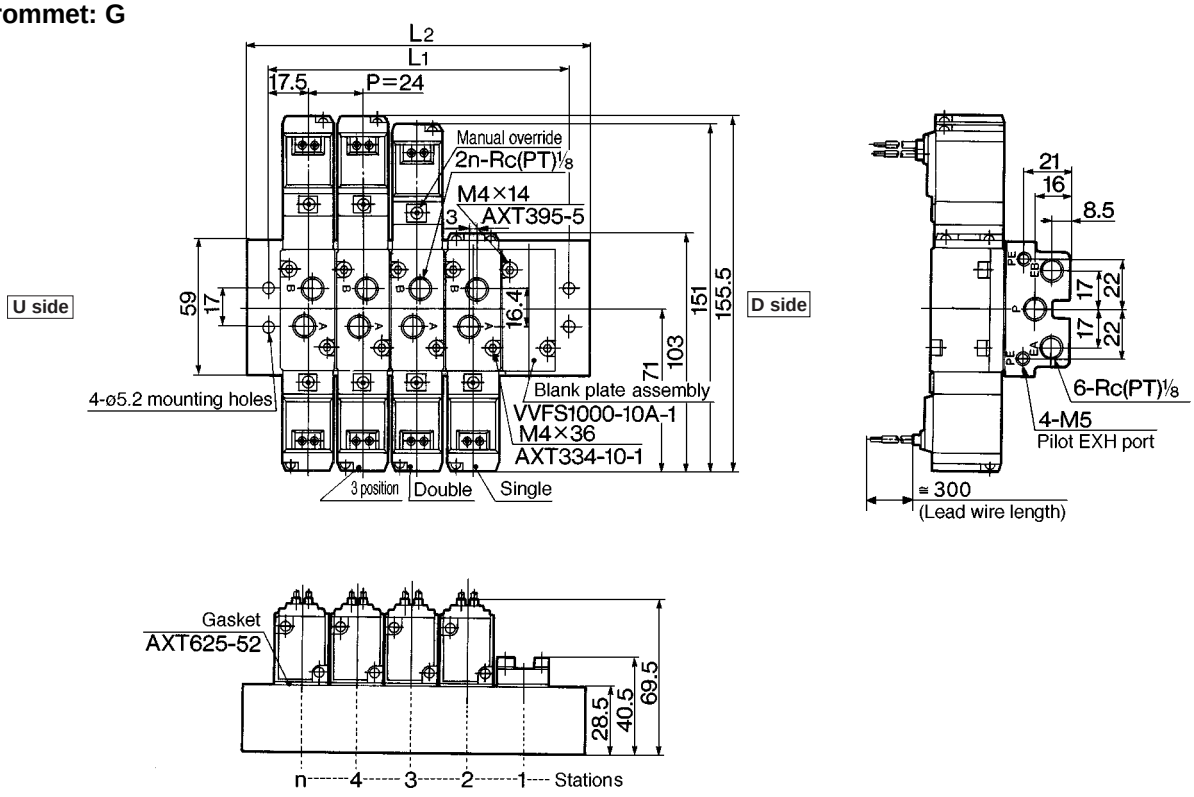
n: Station

L \ n	2	3	4	5	6	7	8	9	10	Equation
L1	59	83	107	131	155	179	203	227	251	L1=24 X n+11
L2	77	101	125	149	173	197	221	245	269	L2=24 X n+29

CAD

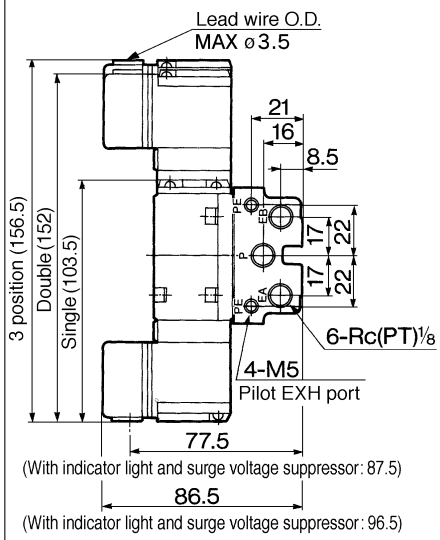
30 Type Manifold | Pilot Individual Exhaust: VV5FS1-30-Station 1-01

Grommet: G

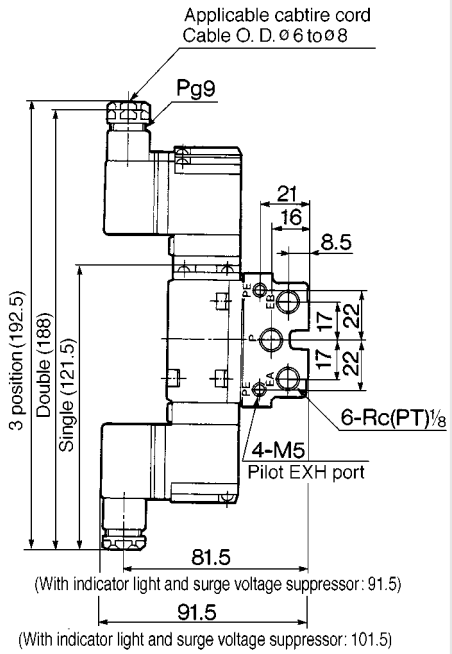


General formula of weight/Manifold M=0.079n+0.093 (kg) n: Station

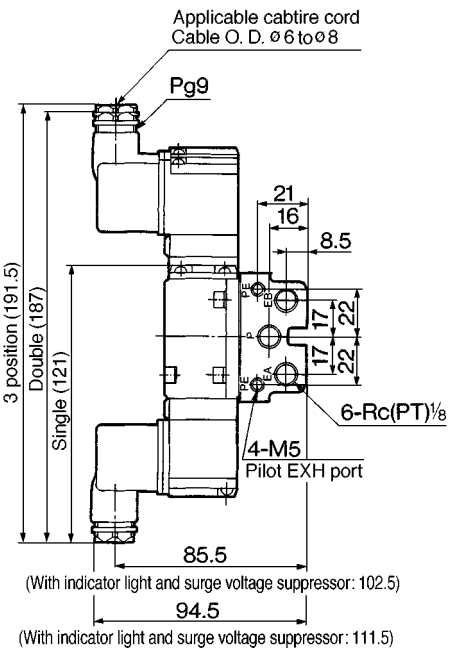
Grommet terminal: E, EZ



Conduit terminal: T, TZ



DIN connector: D, DZ



n: Station

L \ n	2	3	4	5	6	7	8	9	10	Equation
L1	59	83	107	131	155	179	203	227	251	L1=24 X n+11
L2	77	101	125	149	173	197	221	245	269	L2=24 X n+29