

Sub-D Connector

Centralized wiring Connector for SVA, SVR, VZ, VZP

Safety instructions for this product

Safety instructions, Common safety instructions for each product category and Detailed safety instructions for each product are in the end of this catalog and our website.

Model Designation (Example)

DS (1) **S** (2) - **9** (3) **F** (4) **W** (5) - **100** (6) - **S**

(1) Sub-D connector

(2) Type

Code	S	P
Type	Socket	Pin

(3) No. of pins

Code	9	25
No. of pins	9 pins	25 pins

(4) Cable lead-out direction

Code	F	R
Direction	Fitting side	Manifold side

(5) Body color

W: Light gray

(6) Cable length

Code	100	200
Length(cm)	100	200

* Other lengths are available as make to order.

Model Designation of Connector Case (Example)

DSC (1) - **9** (2) - **W** (3)

(1) Connector Case for Sub-D Connector

(2) No. of pins

Code	9	25
No. of pins	9 Pins	25 Pins

(3) Body color

W: Light gray

Model Designation of Cable only (Example)

PCVV (1) **9** (2) - **100** (3)

(1) Cable for Sub-D Connector

(2) No. of pins

Code	9	25
No. of pins	9 Pins	25 Pins

(3) Cable length

100: 100cm

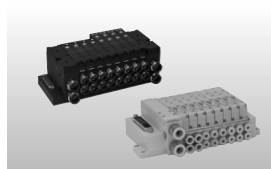
Characteristics

Lead-Out Direction of cable is selectable.

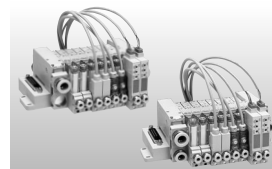
Space-efficient low-profile connector housing perfectly fits into SVR valve manifolds, other manifold-type PISCO products as well.

Applicable PISCO products : Solenoid valve SVR, SVA,
Vacuum generator VZ
External vacuum controller VZP

Related product



Solenoid valve SVA ▶ P.228
Solenoid valve SVR ▶ P.238



Vacuum generator VZ ▶ P.311
External vacuum controller VZP ▶ P.350

Specifications

No. of cores		9	25
Conductor	Size	0.3 mm	
	Material	Annealed copper strand wire	
	Structures	60 pcs/0.08 mm	
	Outer diameter	0.72 mm	
Insulator	Material	Semi-hard vinyl	
	Structures	0.25 mm	
	Outer diameter	1.2 mm	
Sheath	Material	Soft vinyl	
	Thickness	1 mm	
	Color	Black	
Rated voltage		60VAC or 60VDC	
Rated temperature		75 °C	
Finished O.D (approx.)		6.3 mm	9.3 mm
Approx. weight		60 kg/km	135 kg/km
Max. conductor resistance (20°C)		63.7 Ω/km	
Withstand voltage		350VAC or 500VDC (1 min.)	
Min. insulation resistance (20°C)		50 MΩ·km	

Wire Color / Terminal No.

Terminal No.	Insulator color	Printing Mark
1	Black	(No marking)
2	Brown	(No marking)
3	Red	(No marking)
4	Orange	(No marking)
5	Yellow	(No marking)
6	Pink	(No marking)
7	Blue	(No marking)
8	Purple	White Dot
9	Gray	Black Dot
10	White	Black Dot
11	White	Red Dot
12	Yellow	Red Dot
13	Orange	Red Dot
14	Yellow	Black Dot
15	Pink	Black Dot
16	Blue	White Dot
17	Purple	(No marking)
18	Gray	(No marking)
19	Orange	Black Dot
20	Red	White Dot
21	Brown	White Dot
22	Pink	Red Dot
23	Gray	Red Dot
24	Black	White Dot
25	White	(No marking)

RoHS2 (2011/65/EU+EU2015/863) compliant

Type		Model code	Connector Case Only	Cable only
Socket DSS 	Pin DSP 	DSP-9[4]W-100-S	Model code	Model code
		DSP-9[4]W-200-S		
		DSP-25[4]W-100-S	DSC-9-W	PCVV9-100
		DSP-25[4]W-200-S	DSC-25-W	PCVV25-100
		DSS-9[4]W-100-S		
		DSS-9[4]W-200-S		
		DSS-25[4]W-100-S		
		DSS-25[4]W-200-S		



Notes

* For [4] in model code, please select a code for cable lead-out direction.



Packaging specifications

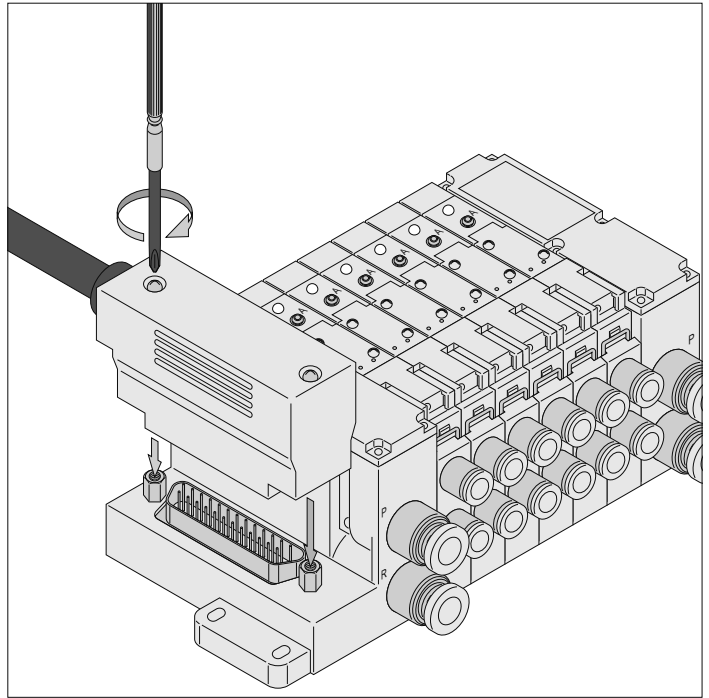
1 pc. /bag

■ How to fix Sub-D Connector, and Cable Lead-Out Direction

1. Fixing Sub-D Connector

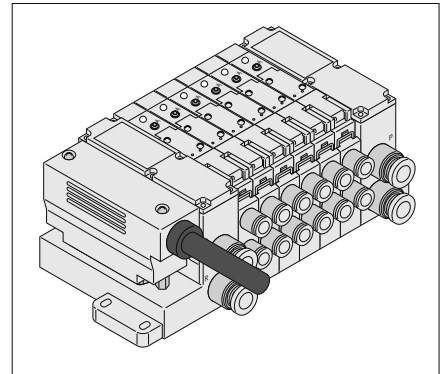
Tighten two built-in fixing screws (M2.6 x 0.45) set in Sub-D Connector using a proper Phillips screwdriver.

Designated torque	0.25 to 0.35 N·m
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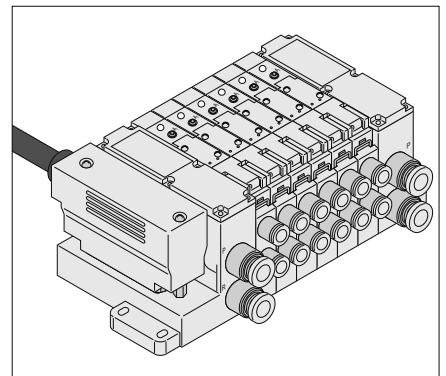


2. Cable lead-out direction

(1) To designate the cable lead-out direction to be on the fitting side (right figure), select “F” for (4) Cable lead-out direction in the model designation.



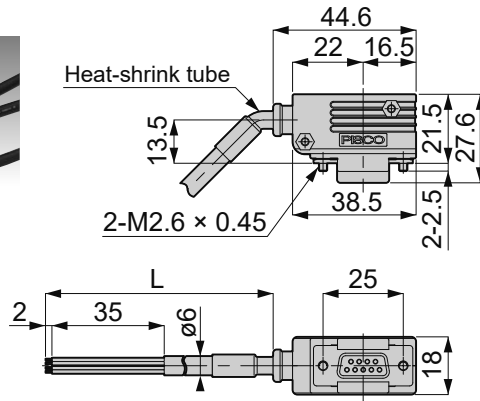
(2) To designate the cable lead-out direction to be on the manifold side (right figure), select “R” for (4) Cable lead-out direction in the model designation.



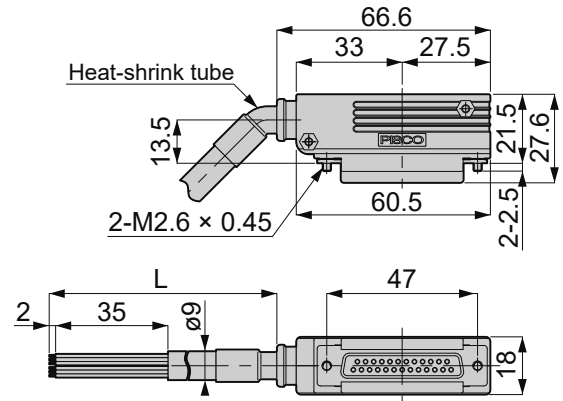
■ Dimensional Drawings

DSS **Socket**

DSP **Pin**



For DS(2)9RW-(4)-S



For DS(2)25RW-(4)-S

Unit: mm

Model code	L	Weight (g)
DS(2)-9(4)W-100-S	1000	79
DS(2)-9(4)W-200-S	2000	137
DS(2)-25(4)W-100-S	1000	170
DS(2)-25(4)W-200-S	2000	309

*For (2) in the model code, fill in "S" for Socket type and "P" for Pin type.

For (4) in the model code, fill in "F" for the fitting side cable lead-out direction or "R" for the manifold side cable lead-out direction.