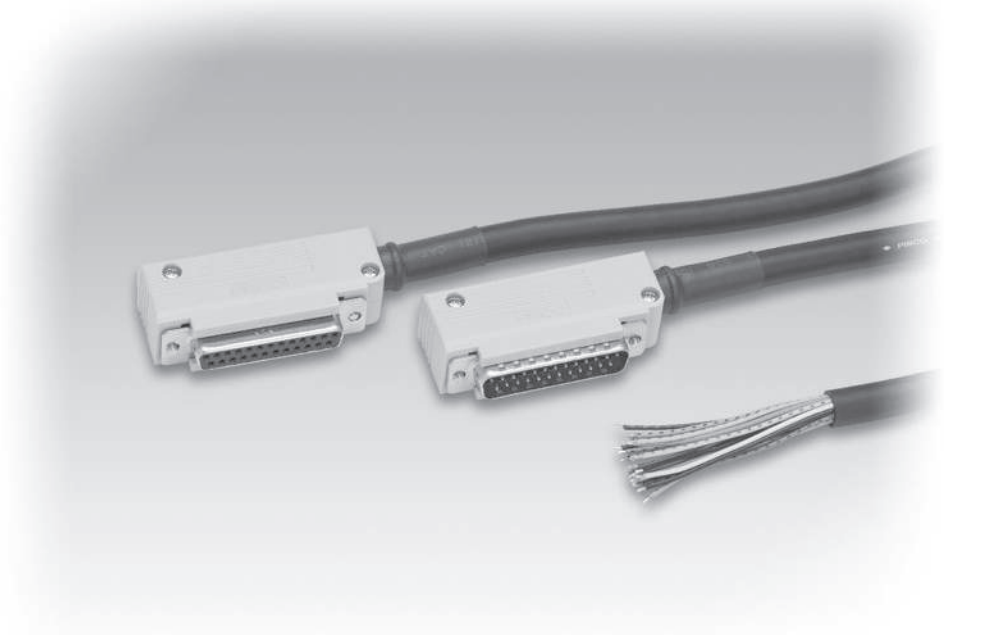


Concentrated wiring Connector for Manifold type

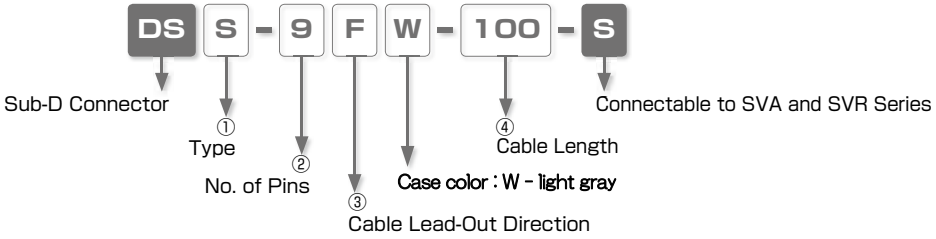
Sub-D Connector

- *Lead-Out Direction of cable is selectable.*
- *Suitable for PISCO's Solenoid Valves manifolds SVR10 SVA20, Vacuum generator VZ series or other units.*
- *Low profile connector case for limited spaces*

.85" (21.5mm)

Sub-D Connector

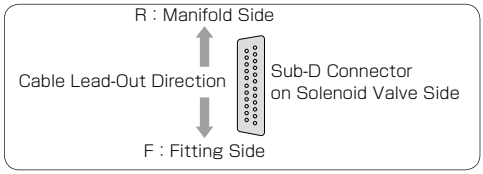
■ Model Designation of Sub-D Connector & Cable (Example)



① Type
S : Socket
P : Pin

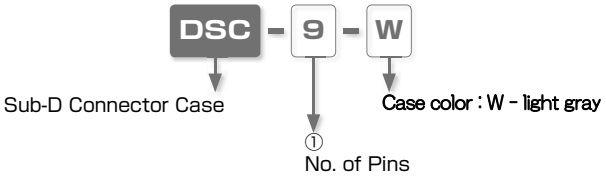
② Number of Pins
9 : 9 pins
25 : 25 pins

③ Cable Lead-Out Direction
F : Fitting Side
R : Manifold Side



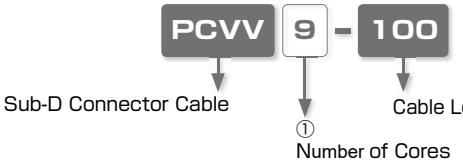
④ Cable Length
100 : 100cm
200 : 200cm

■ Model Designation of Connector Case Only(Example)



① Number of Pins
9 : 9 pins
25 : 25 pins

Model Designation of Cable Only (Example)



① No. of Cores
9 : 9 cores
25 : 25 cores

Specifications

Number of Cores		9	25
Conductor	Size	0.3mm²	
	Material	Stranded Soft Copper Wire	
	Structures	60 leads / 0.08mm	
	Outer Diameter	0.72mm	
Insulator	Material	Semi-Hard Vinyl	
	Structures	0.25mm	
	Outer Diameter	1.2mm	
Sheath	Material	Soft Vinyl	
	Thickness	0.9mm	1mm
	Color	Black	
Rated Voltage		AC60V or DC60V	
Rated Temperature		167°F (75°C)	
Finished O.D (approx.)		6.3mm	9.3mm
Approx.Weight		60kg/km	135kg/km
Max. Conductor Resistance (20℃)		63.7Ω/km	
Withstand Voltage		AC350V or DC500V (1 min.)	
Min. Insulation Resistance (20℃)		50MΩ · km	

Terminal Number / Wire Color

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

⚠ Detailed Safety Instructions

Before using PISCO products, be sure to read “Safety Instructions” and “Safety Instruction Manual” and “Common Safety Instructions for Valve Series”.

Warning

1. Keep Sub-D Connector away from water or oil drops. Since the product is not a drip-proof structure, there is a risk of short-circuit by water or oil.
2. Avoid an excessive tensile strength and bending on the cable. Otherwise, there is a risk of disconnection or the connector's damage.
3. Do not use the Sub-D connector with the voltage that is higher than the rated AC60V or DC60V. In the case of using/making your own voltage cables, you may still use our Connector Case.

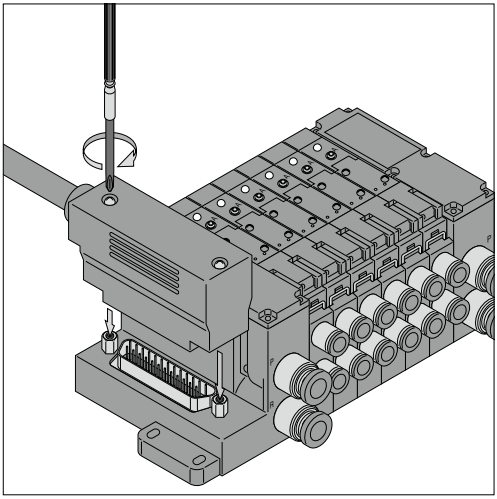
Caution

1. Fix the connector part with screws firmly.
2. Check the terminal no. and the wire color as described closely. Pay special attention to avoid wrong wiring.

Fixing Method of Sub-D Connector and Cable Lead-Out Direction

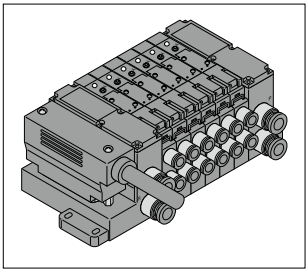
1. Fixing Method of Sub-D Connector

Tighten 2 pcs of fixing screws (M2.6x0.45) built-in the sub-D connector by a Phillips screwdriver.
(Recommended Torque Force: 0.25-0.35Nm)

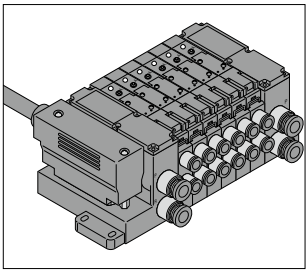


2. Cable Lead-Out Direction

① .To designate the cable lead-out direction tube fitting side as the right figure, select "F" in the model designation "③ Cable Lead-Out Direction".



② . To designate the cable lead-out direction manifold side as the right figure, select "R" in the model Designation "③ Cable Lead-Out Direction".



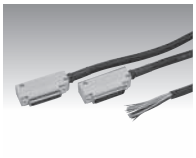
Sub-D Connector

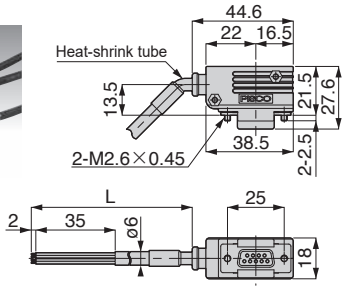
DSS Socket

RoHS compliant

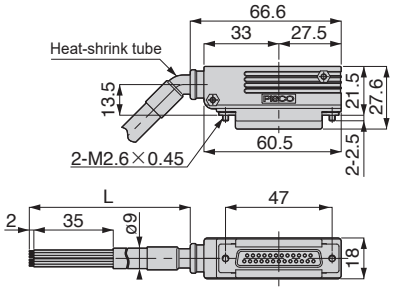
DSP Pin

RoHS compliant





DS□9RW-□- S



DS□25RW-□- S

Unit : mm

Model	L	Weight (g)
DS1-93W-100-S	1000	79
DS1-93W-200-S	2000	137
DS1-253W-100-S	1000	170
DS1-253W-200-S	2000	309

* Indicate connector type in the left□ of the model designation:"S" for Socket / "P" for pin. Indicate cable lead-out direction in the middle □. "F" for fitting side / "R" for manifold side.