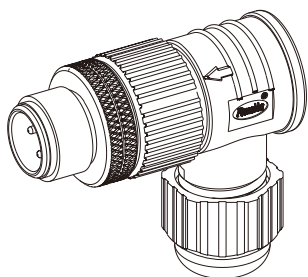
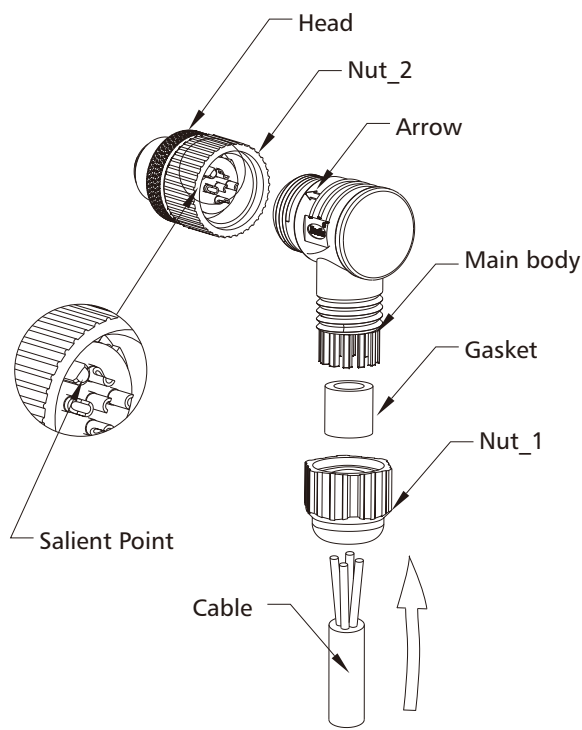


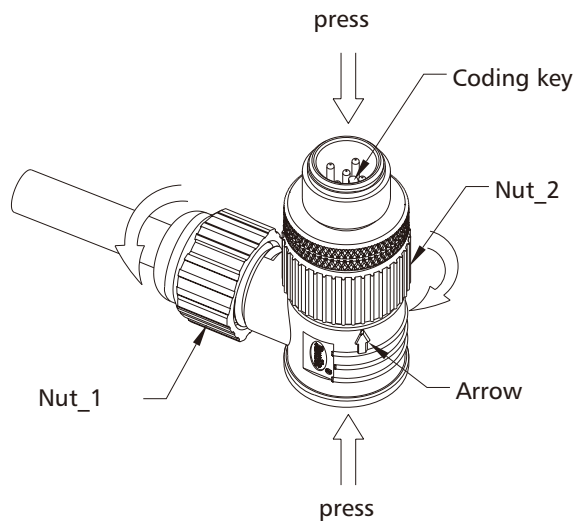
M12 Male Wirable Assembly Instruction



- 1) Put the cable through the nut, gasket and main body one by one;
- 2) And then solder the wires to the right pin of the head;
- 3) Make the salient point align with the arrow of main body, meanwhile pull the cable back until the nut_2 contacted with main body;



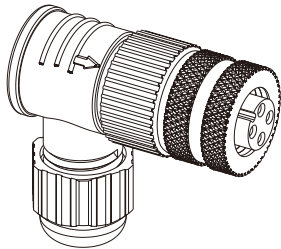
Picture 1



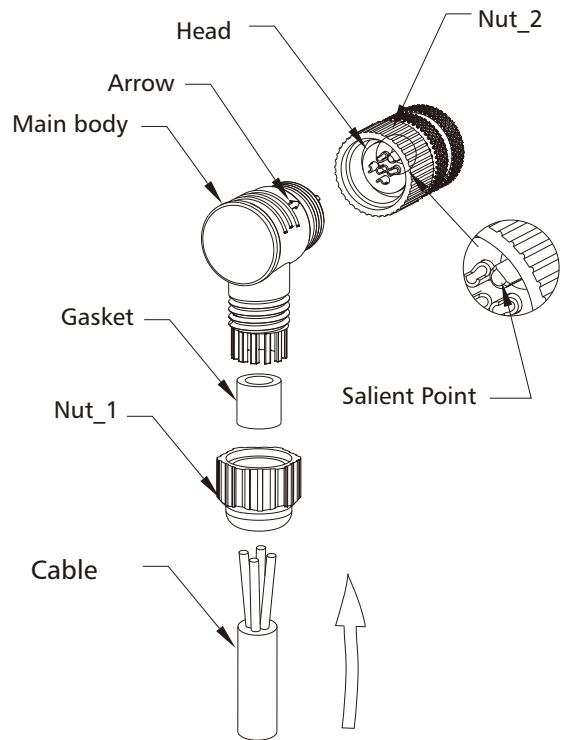
Picture 2

- 4) Press the connector lightly, like the picture 2. And the coding key will be aligned with the arrow, if not, just repeat step 3;
- 5) Pull back the cable lightly again after locking the nut_2 as tight as possible;
- 6) Push the gasket to the right position and lock the nut_1.

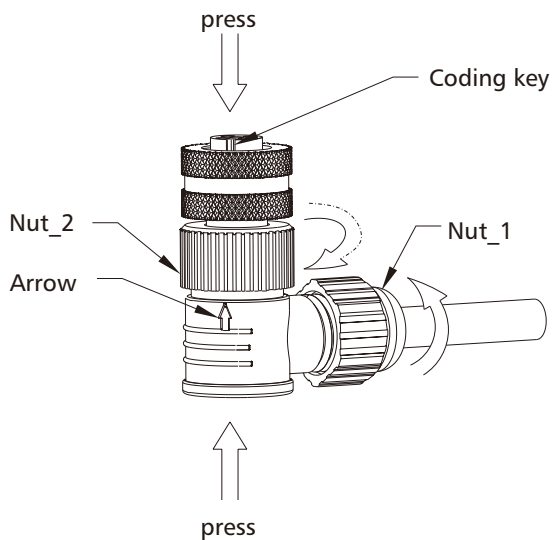
M12 Female Wirable Assembly Instruction



- 1) Put the cable through the nut, gasket and main body one by one;
- 2) And then solder the wires to the right pin of the head;
- 3) Make the salient point align with the arrow of main body, meanwhile pull the cable back until the nut_2 contacted with main body;



Picture 1

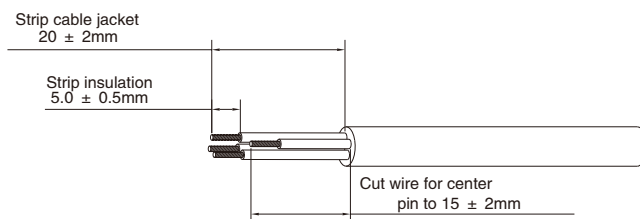


Picture 2

- 4) Press the connector lightly, like the picture 2. And the coding key will be aligned with the arrow, if not, just repeat step 3;
- 5) Pull back the cable lightly again after locking the nut_2 as tight as possible;
- 6) Push the gasket to the right position and lock the nut_1.

M12 Field Wirable Assembly with Screw Joint Instruction

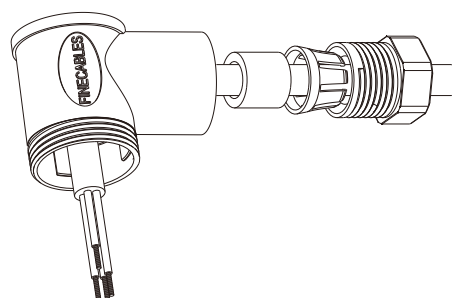
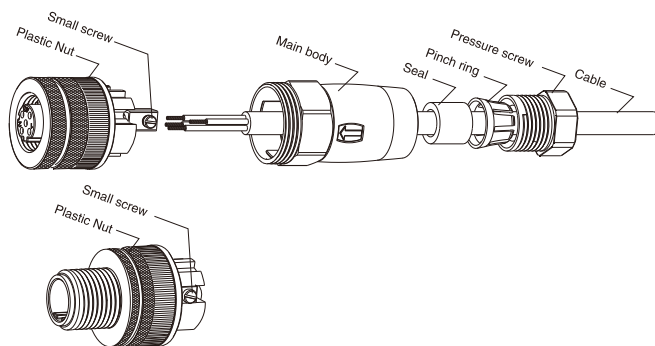
Step 1



Step 2

Assemble all components on cable as following.

Right angled sketch

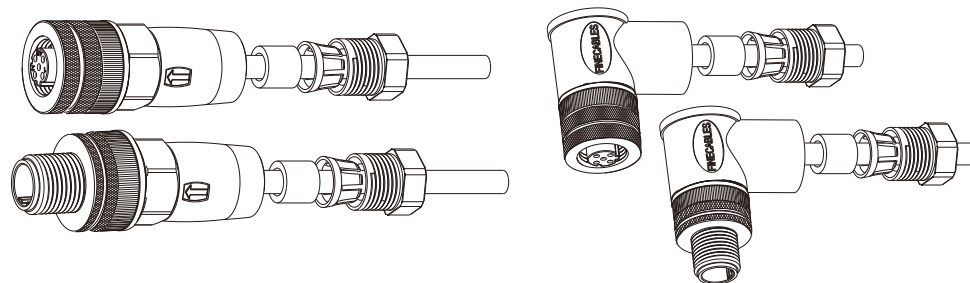


Step 3

Connect all wires to insert according to wirelist, then tighten all small screws. The torque for small screws is 0.2Nm.

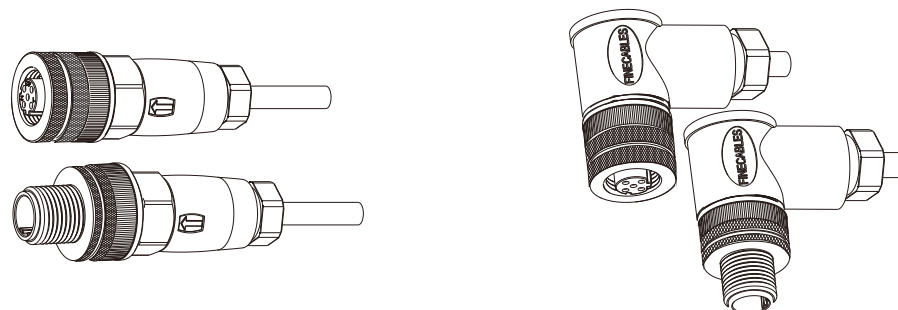
Step 4

Assemble plastic nut to main body. Recommended torque: 1.0Nm. (Note: The key inside the main body must go straight to slot of insert.)



Step 5

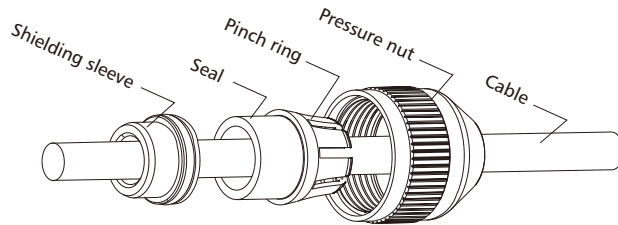
Push the cable seal, pinch ring into the main body, then tighten the pressure screw into the body with recommended torque: 1.0Nm.



M12 Field Wirable Assembly with Screw Joint Instruction, Shield

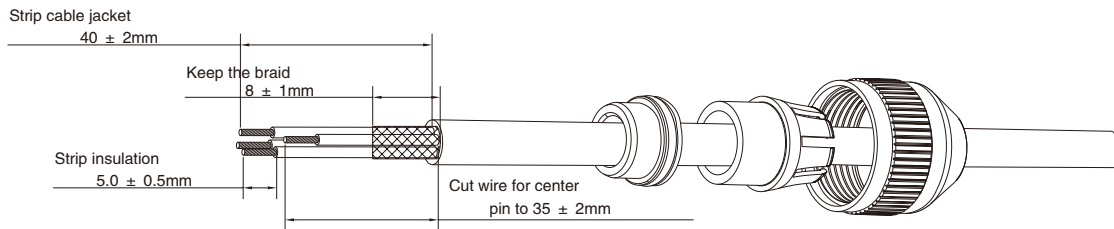
Step 1

Assemble all components on cable as following.



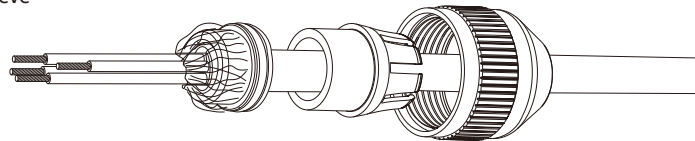
Step 2

Strip the cable as following.



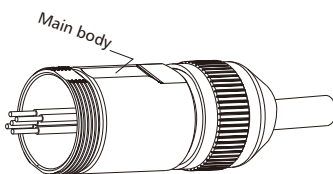
Step 3

Push the braid over the shielding sleeve



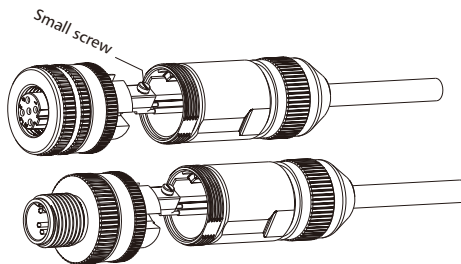
Step 4

Insert the cable in the main body and assemble the pressure nut tightly on the main body. Recommended torque: 1.0Nm.



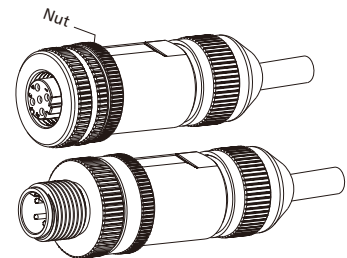
Step 5

Connect all wires to insert according to wirelist, then tighten all small screws. The torque for small screws is 0.2Nm.



Step 6

Insert the Female/male housing in the main body and assemble the nut to main body. Recommended torque: 1.0Nm. (Note: The key inside the main body must go straight to slot of insert.)

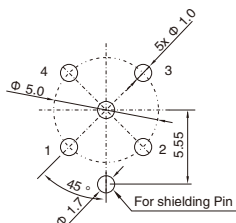




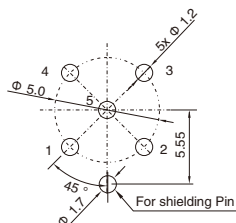
M12 PCB Layout & Panel cut-out

PCB Layout

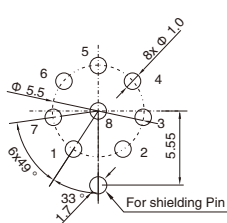
M12 Male Connector



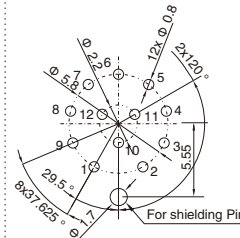
(Pin OD: Ø 0.8)
3P/4P/5P



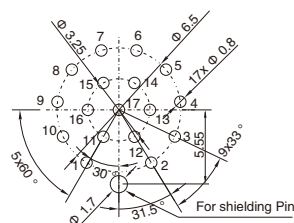
(Pin OD: Ø 1.0)
3P/4P/5P



(Pin OD: Ø 0.8)
8P



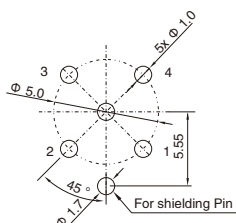
(Pin OD: Ø 0.6)
12P



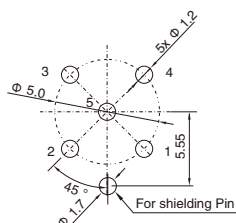
(Pin OD: Ø 0.6)
17P

Recommended PCB layout

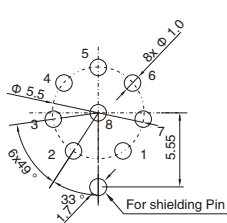
M12 Female Connector



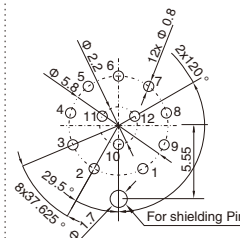
(Pin OD: Ø 0.8)
3P/4P/5P



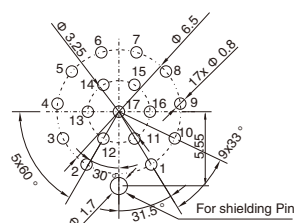
(Pin OD: Ø 1.0)
3P/4P/5P



(Pin OD: Ø 0.8)
8P



(Pin OD: Ø 0.6)
12P

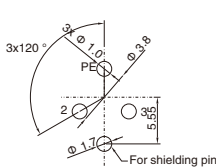


(Pin OD: Ø 0.6)
17P

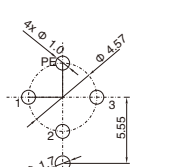
Recommended PCB layout

M12 C-Coding Connector

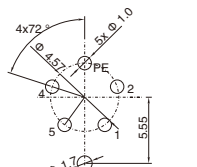
Male Connector



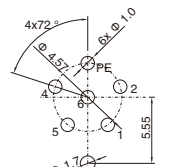
3Pin



4Pin

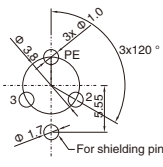


5Pin

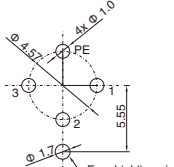


6Pin

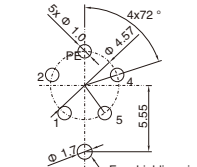
Female Connector



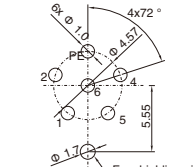
3Pin



4Pin

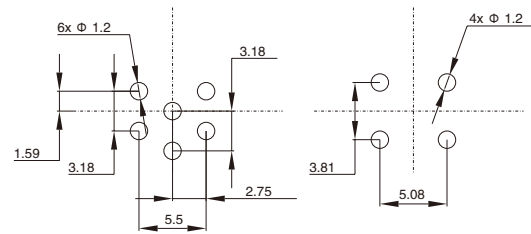


5Pin



6Pin

M12 Quick-lock Connector

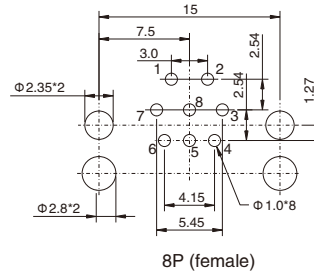
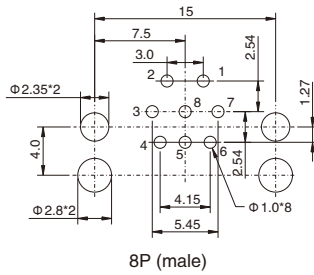
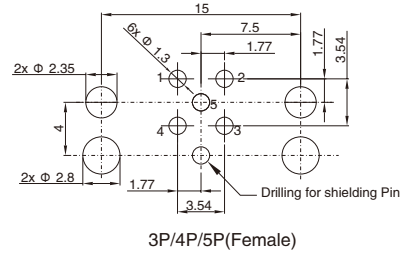
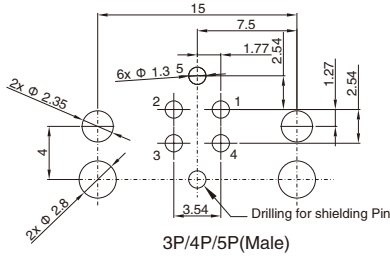


M12 PCB Layout & Panel cut-out

PCB Layout

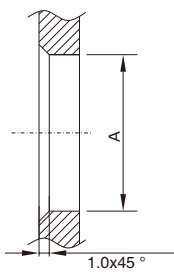
M12 Right Angled Connector

Recommended PCB layout

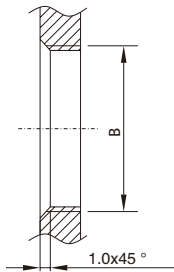


Panel cut-out

With bare hole



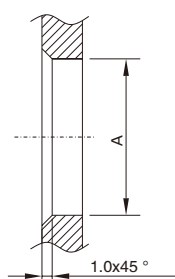
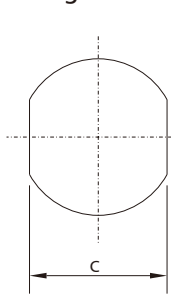
With thread to screw in



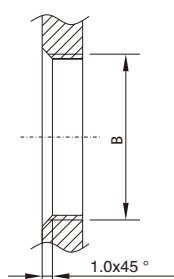
	A	B
M12	12 ^{+0.1} ₋₀	M12x1.0
M16	16 ^{+0.1} ₋₀	M16x1.5
PG9	15.3 ^{+0.1} ₋₀	PG9

H-cutting

With bare hole



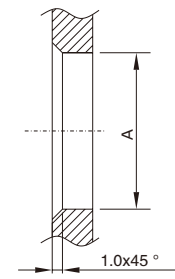
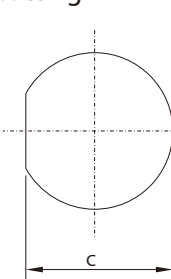
With thread to screw in



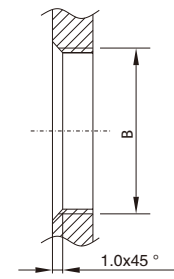
	A	B	C
M16	16 ^{+0.1} ₋₀	M16x1.5	13.5 ^{+0.1} ₋₀
PG9	15.3 ^{+0.1} ₋₀	PG9	13.5 ^{+0.1} ₋₀

D-cutting

With bare hole



With thread to screw in



	A	B	C
M16	16 ^{+0.1} ₋₀	M16x1.5	14.3 ^{+0.1} ₋₀
PG9	15.3 ^{+0.1} ₋₀	PG9	14.3 ^{+0.1} ₋₀
5/8"-27UNS	15.7 ^{+0.1} ₋₀	5/8"-27UNS	14.6 ^{+0.1} ₋₀
M12	12 ^{+0.1} ₋₀	M12x1.0	11.3 ^{+0.1} ₋₀