

Assembly Instruction



Spring-cage connection

Relative Model No.

● Plug



- For CC-Link
PCA-1557617
- For DeviceNet
PCA-1557659
- For PROFIBUS-DP
PCA-1557701

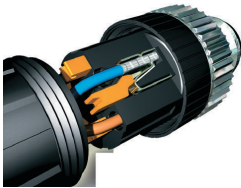
● Socket



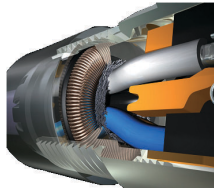
- For CC-Link
PCA-1557620
- For DeviceNet
PCA-1557662
- For PROFIBUS-DP
PCA-1557714

Features

- M12 connector corresponding to shield connecting.
- The time savings is 40% compared to screw and solder connection.
- Color-coded wire connection part to prevent miswiring.
- Easy wiring.
- Easy shield treatment.



Structure image of wiring



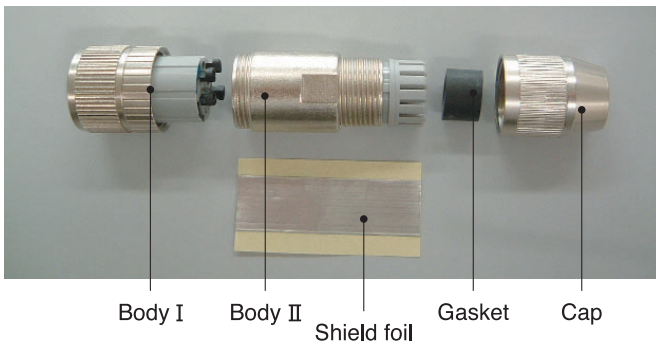
Structure image of shield wiring

Preparation

- Stripper for cable sheath
(Recommendation: KAMES MULTI (1209075))
- Stripper for wire sheath
(Recommendation: QUICK WIREFOX2.5 (1206667))
- Nippers for cutting shield
(Small size)

Product Construction

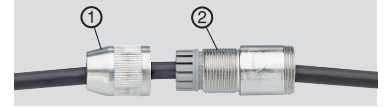
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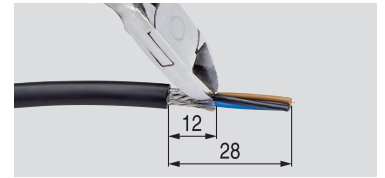
Body I Body II Shield foil Gasket Cap

Assembly

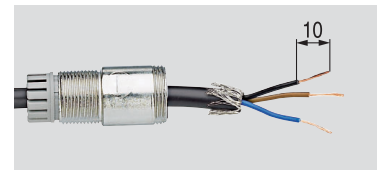
- 1 First slide the cap ① and Body II ② over the cable.



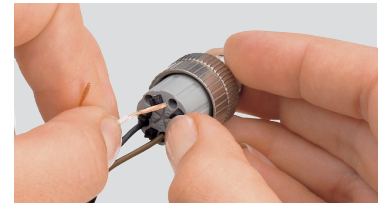
- 2 Strip the cable sheath over a length of **approx. 28mm**. Trim the braided shield to a length of **approx. 12mm**.



- 3 Fold back the braided shield over the cable sheath.
Strip **approx. 10mm** off the single wires.
If necessary, crimp suitable ferrules to the end of the each wire.

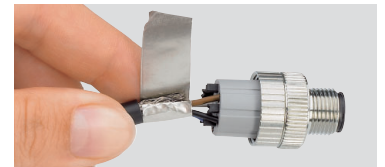


- 4 Connect the wire into Body I.
In case of stranded wire, press the black button and open the connection part and insert the wire.
If case of the wire with ferrule, insert directly.

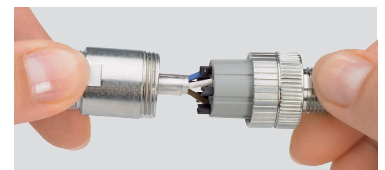


The color coding is previously printed on the connection part according to the wire color.

- 5 Fold the braided shield back again. Now remove the shield foil from the paper and apply the adhesive foil around the braided shield.



- 6 Pull Body II up to Body I and hold it tightly while you screw on Body I.



- 7 Screw the cap on Body II.

Tightening Torque:

2.7 to 3.3N·m



Make sure the connector has no loosening.

Note

- Please do not use it besides an original purpose.
- This connector may only be operated when under no load.
- The work by the wet hand causes the electric shock.
- Please never perform the repair.

SMC Corporation

URL <http://www.smcworld.com>

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