

Assembly Instruction



QUICKON-ONE connection

Relative Model No.

SPEEDCON



PCA-1557743



PCA-1557756

Features

- QUICKON is quick connection M12 Round Connector with IDC Technique.
- Save wiring time ca. 80% against solder or screw connection.
- Patented connection system SPEEDCON can save connection time.



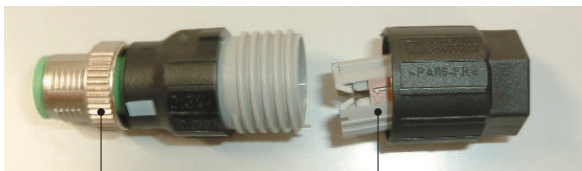
Structure image of wiring

Preparation

- Cable Stripper for outer sheath (Recommendation: CYCLOPS (1204481))
- Cable Cutter (ex. Small size nippers)

Product Construction

Please check contents.



Body

Union nut

Construction of Union nut

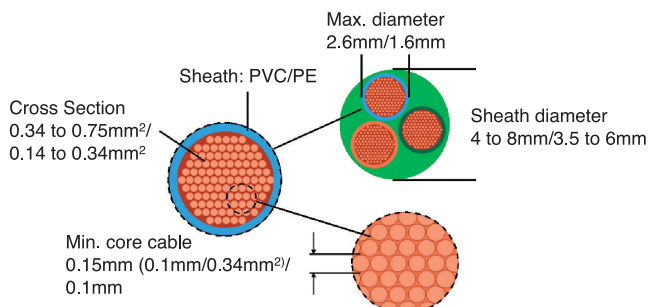


Splice ring

Seal

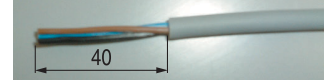
Cable Gland

Construction of cable



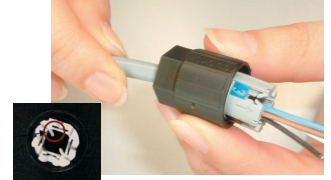
Assembly

1 Strip cable sheath. (approx. 40mm) Do not strip core cables.



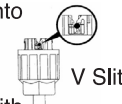
2 Slide the cable onto Union nut.

The cable will go as far as possible. In the splice ring has stopper.



3 Snap the core cables into the marked core entry.

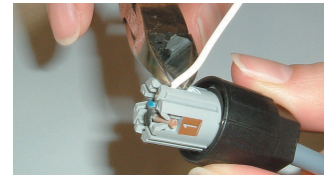
Splice ring is colored with respective cable color of sensor.



4 Cut off the projecting core Ends flush.

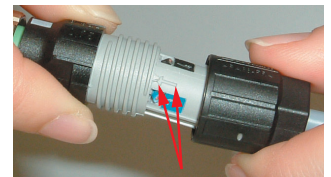


There is no Overhang.



5 Meet the mark ▲ mark on Body and mark "←" on Union nut.

Then combine each others.



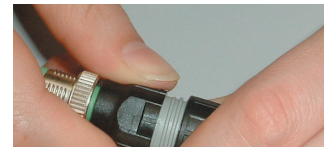
6 Screw up Body and Union nut.

Tightening Torque:
0.14 to 0.34mm²...

0.72 to 0.88N·m

0.34 to 0.75mm²...

1.08 to 1.32N·m



7 Finish



Make sure the connector has no losing.

Note

- Frequency of connector between cables of the same cross section is 10 times at max..
- PVC or PE is suitable for sheath material, however fluoro resin is not suitable for sheath material.
- Only for flexible cable, not for solid cable.
- Repeated connection of the cable: When the connection is unscrewed, the Splice ring comes out of the Union nut. If the cable is connected again, the Splice ring must be screwed approx. two turns into the Union nut before the procedure described above (cable connection) can be followed.
- Please do not use it besides an original purpose.
- Quickon 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>