

220-CON12/ 220-CON19 and 220-CON12-SR / 220-CON19-SR Circular Miniature Vacuum connectors with and without Strain relief Housing

The packages contain

220-CON12/19: Front part (longer part) and back plate of connector, connection screw and crimp pins

The -SR versions contain in addition:

- Main housing including two set screws
- Back housing
- Cable clamp plate with two screws

- 1)If shielding is required, slip the braid over the cable
- 2)Slip the back housing over the cable. Be aware of the right direction.
- 3)Ribbon cable must be opened for about 5cm
- 4)Strip the wires 4mm
- 5)Put the wire through the back plate of the connector
(Stripping can also be done after this step)
- 6)Crimp the pin to the wire with the 4-indent crimp tool
- 7)Repeat 5) to 6) for all cables
- 8)Tear back the cables carefully, so that the pins sit in the back plate of the connector
- 9)Put the front part over the pins
- 10)Screw together the front and back parts with the supplied screw from the backside of the connector
- 11)If -SR is included: plug the connector into the main housing from the back
- 12)Align the groove of the connector with the housing and fix the connector with the front set screw
- 13)Stick the back housing into the main housing and secure it with the second set screw
- 14)If braid is used: adjust so that it slips over the cable clamp
- 15)Screw down the cable clamp with supplied screws.

Any single open end wires can be crimped to the crimp pins and pushed through the connector back plate (as well as the back housing).

Recommended Tools:

- Small screw driver
- Wire stripper (321-STRIP-04 or 321-STRIP-10, depending on wire size)
- Crimp tool 214-CTOOL-HQ

Recommended Wire:

- Multistrand wire Diameter 0.35mm to 1mm (311-KAPM-035 / -060 / -075 (-100)
- or Ribbon cable KAP-RIB-10 / -15

Recommended Braid:

- 316-BRAID3 or 316-BRAID4

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Connector-assembly-ukv

All data given in this sheet is carefully checked but is subject to change at any time.

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