

CM feedthroughs with 6 / 12 and 19 pins Remarks about connector usage

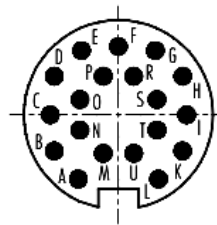
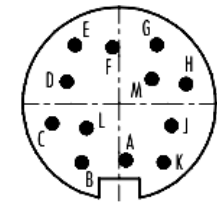
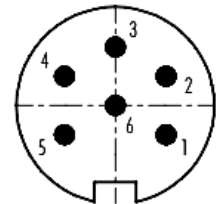
The 6- and 19 pin connectors are symmetric, so the connectors for air and vacuum side have the same layout.

The 12-pin connectors are not symmetric, so the air side connector cannot be plugged into the vacuum side and vice versa.

The feedthroughs have two different decoding catches from air and vacuum side, as the vacuum side connector is made without a screw joint to make it as small as possible.

For special applications, where the vacuum side connector should be used on the air side, the decoding catch has to be bend back. High temperature applications are typically the reason for using a PEEK Connector also on the air side.

For the non-symmetric 12-pin version, a special PEEK connector for the air side is available. Please ask the sales office for a quote.



Pin numbering of 220-CM6 / 220-CM12 and 220-CM19, seen from Air side, soldering side of pins
Clearly visible is, that the 12-pin version (centre) is not symmetric, but 6-pin (top) and 19-pin (bottom) are symmetric.



Air side view of a 12-pin CM feedthrough with large decoding catch for the air side connector.

Visible is also the thread for screw joint connector.



Vacuum side view of a 19-pin CM feedthrough with small decoding catch for the vacuum side connector