

Assembly Instructions for 35-pole Connector, suitable for SEAL

Part Overview

Designation		Part no.
35-pole plug-pin box		7811222
35-pole socket-jack box		7812218
35-pole plug-jack box		7812226
35-pole socket-pin box		7811230
Center ring for pin contacts (optional)		7807403
Adapter 21 NW17		7807259
Adapter 26 NW22		7807260
Adapter 34 NW29		7807341
Pin contact Ø 1.6 mm	0.75 – 1.5 mm ²	7815045
Pin contact Ø 3.5 mm	0.5 – 1.0 mm ²	7815047
Pin contact Ø 3.5 mm	1.5 – 2.5 mm ²	7815048
Jack contact Ø 1.6 mm	0.75 – 1.5 mm ²	7814045
Jack contact Ø 3.5 mm	0.5 – 1.0 mm ²	7814047
Jack contact Ø 3.5 mm	1.5 – 2.5 mm ²	7814048
Seal 4.0 mm (for contacts Ø 1.6 mm)	0.75 – 1.0 mm ²	7814137
Seal 4.0 mm (for contacts Ø 1.6 mm)	1.5 mm ²	7814138
Seal 5.2 mm (for contacts Ø 3.5 mm)	0.35 – 1.0 mm ²	7814140
Seal 5.2 mm (for contacts Ø 3.5 mm)	1.5 – 2.5 mm ²	7814141
Blind Seal 4.0 mm		7814135
Blind Seal 5.2 mm		7814136

Wire cross-section data valid for FLR leads

Single Parts

The plug or the socket comprises the according housing box and one of three possible adapters for corrugated tubes. Pin boxes are equipped with pin contacts and jack boxes are equipped with jack contacts. There are 26 contacts \varnothing 1.6 mm and 9 contacts \varnothing 3.5 mm. Correct assembly ensures IP 67. All displayed parts have to be assembled correctly in the stated order.

Assembly

Wire Insertion

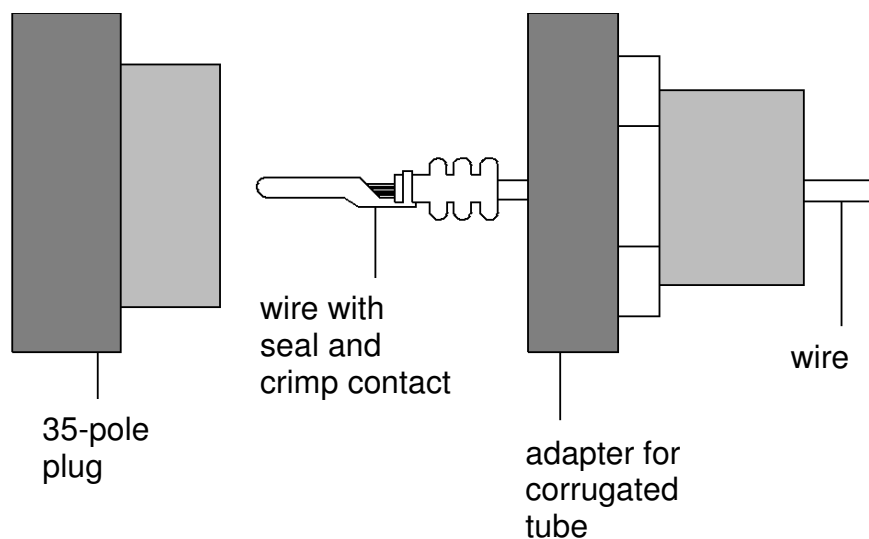
The wires are stripped and the according single wire seals and crimp contacts are applied. Usable wire cross-sections are listed in the part overview on page 1 of this document.

Final Assembly

After allocation of the connector housing with pin contacts or jack contacts the respective adapter is screwed on. Ensure the usage of a proper tool with width across flats 41 mm and the application of a tightening torque in the range of 2 to 4 Nm.

A center ring for pin contacts can be used optionally before the connection of plug and socket.

Schematic View



Analogue assembly of socket