

Wiring manual



Syntax SGH

Signal Insert Inline and Panel Male SGH 8.1 | SGH 16.1

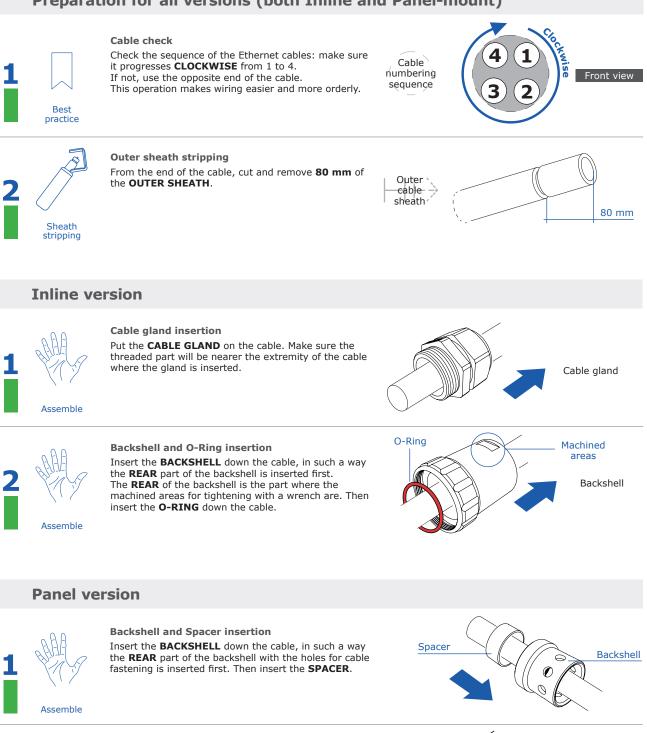
Syntax Wireasy Technology



Preliminary operations

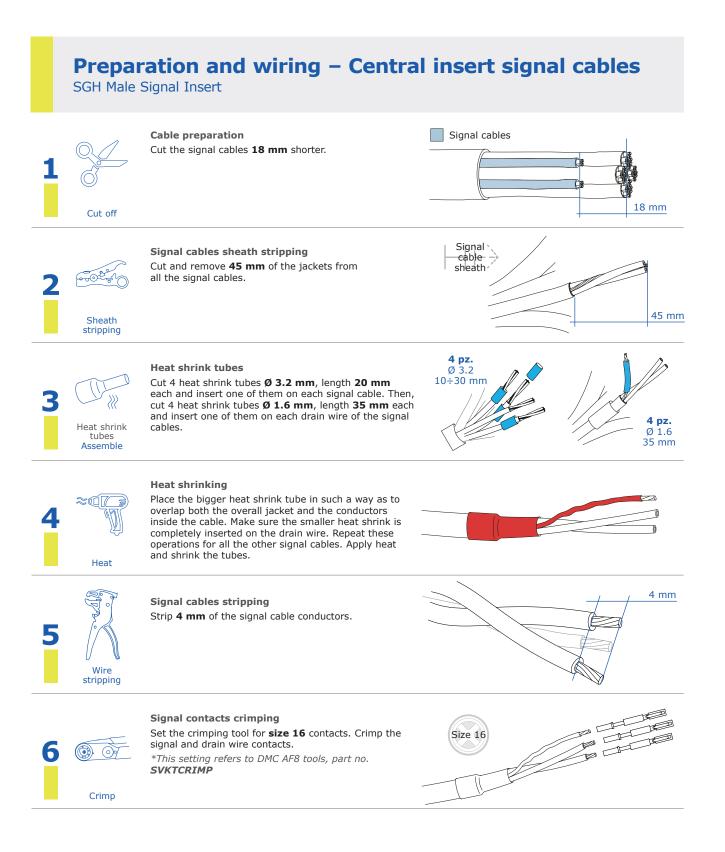


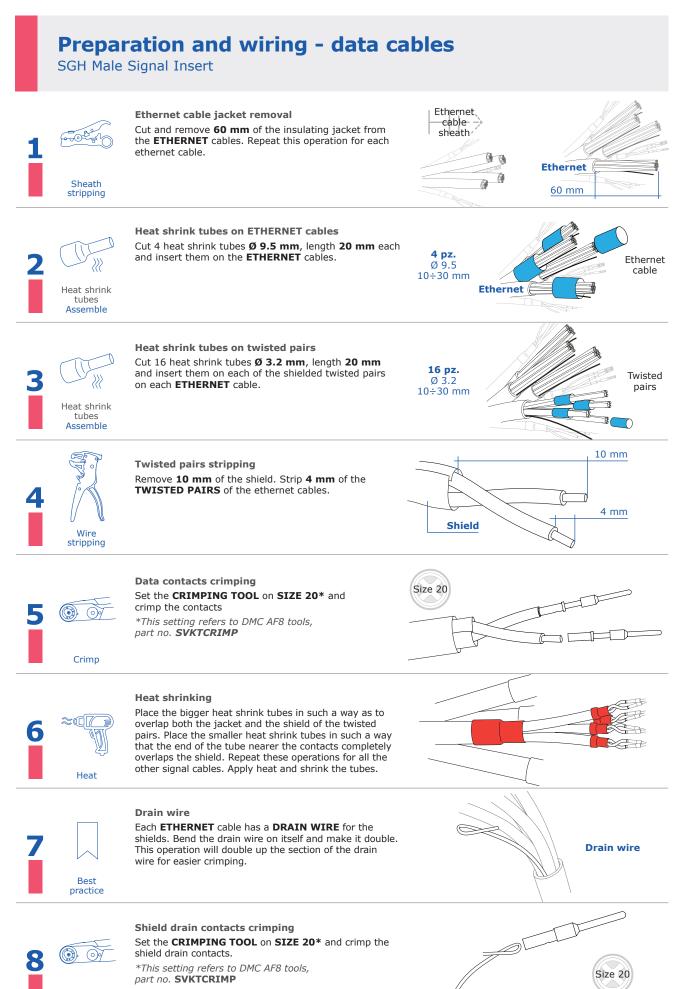
Preparation for all versions (both Inline and Panel-mount)





O-Ring insertion Insert the O-RING down the cable. O-Ring



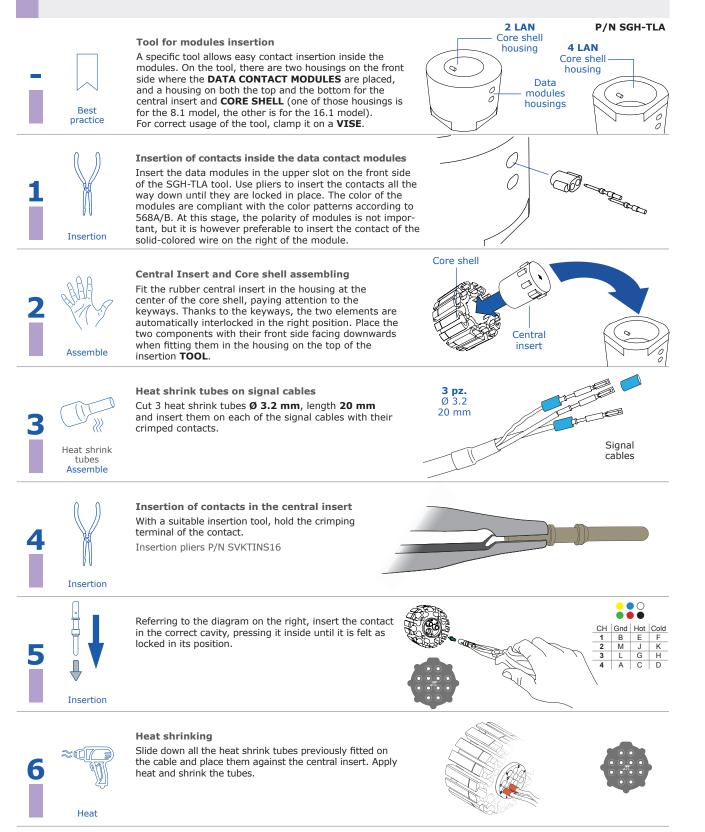


Crimp

Rev_0.1

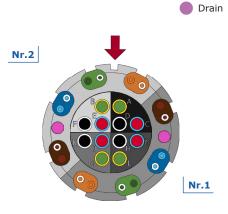
Insertion of contacts, central insert and outer modules

SGH Male Signal Insert

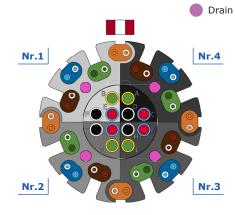


Data modules placement sequence

SGH Male Signal Insert



Insertion view, back 2 LAN

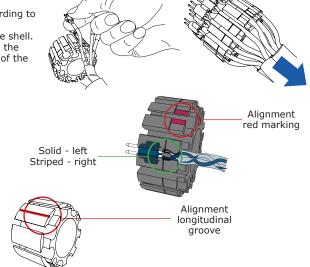


Insertion view, back 4 LAN

Modules placement Insert the modules in the wiring diagram.

Insert the modules in the correct housings according to the wiring diagram.

Pass the cable through the open slots of the core shell. Pay attention to the color of the modules and to the color and position of the striped and solid wires of the twisted pairs.





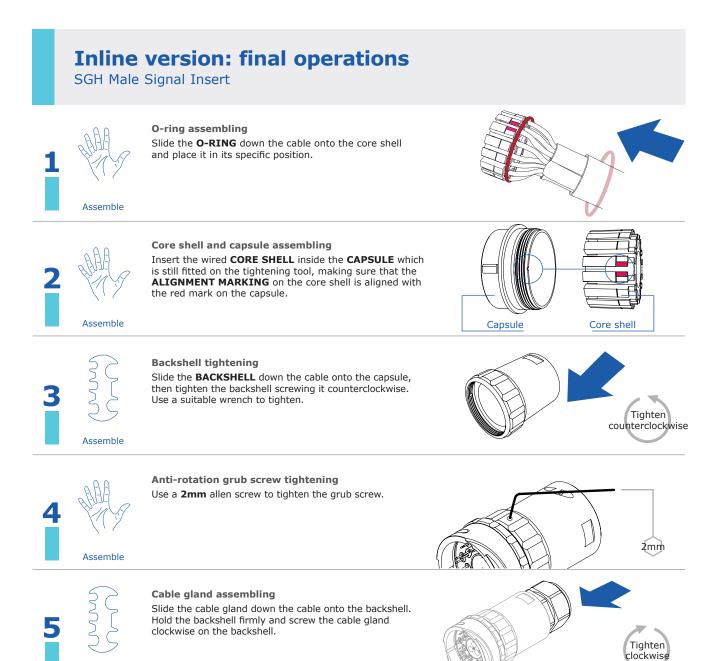
Assemble

16.1 series or the **longitudinal groove** for the 8.1 series is to provide a reference for a

Alignment markings

The purpose of the **red marking** for the

Best practice correct sequence of the colors of the signal contact pair modules. For a correct polarity of the **twisted pairs**, looking at the wiring side of the shell, insert the solid-colored wires on the right of the modules.



Assemble

Panel version: final operation

SGH Male Signal Insert

O-ring assembling



Slide the $\ensuremath{\textbf{O-RING}}$ down the cable onto the core shell and place it in its specific position.





Best practice Waved washer and locking ring assembling Insert the wired CORE SHELL inside the CAPSULE which is still fitted on the tightening tool, making sure that the ALIGNMENT MARKING on the core shell is aligned with the red mark on the capsule.

Backshell tightening

Slide the **BACKSHELL** down the cable onto the flanged capsule. In so doing, the spacer will automatically be fitted inside the backshell. Then, tighten the backshell screwing it counterclockwise. Use a suitable wrench to tighten.

