CONEC®
TECHNOLOGY IN CONNECTORS™

AI-5062
Version 2
Series: M12 Crimp, 8pos
X coded
Male Connector

Assembly Instruction
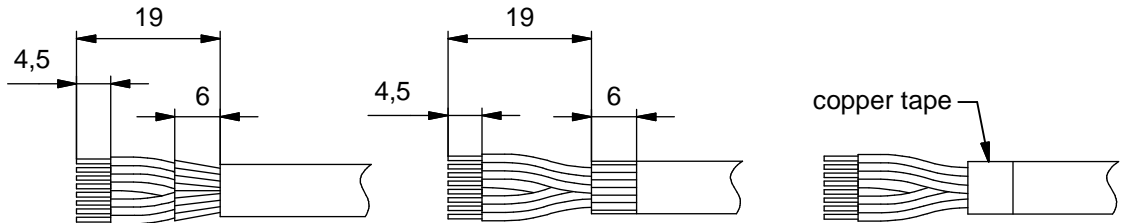
1

pull gland [a], cable seal [b]*,
and housing [c]
on the cable

c   b   a

Ø 4,5 - 8,3 mm

*
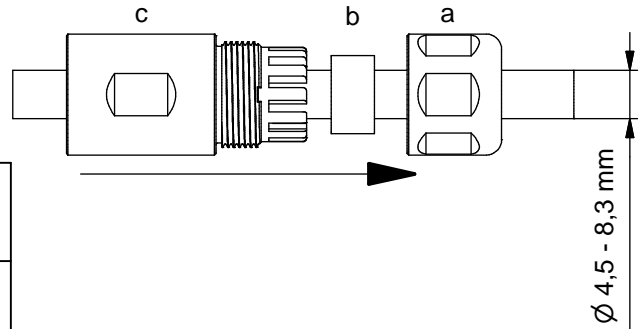
cable seal	◎	◎	◎
cable outer diameter [mm]	4,5 - 5,0	5,0 - 7,0	7,0 - 8,3

2

strip cable as
shown in the
drawing

19   4,5   6   19   4,5   6   copper tape
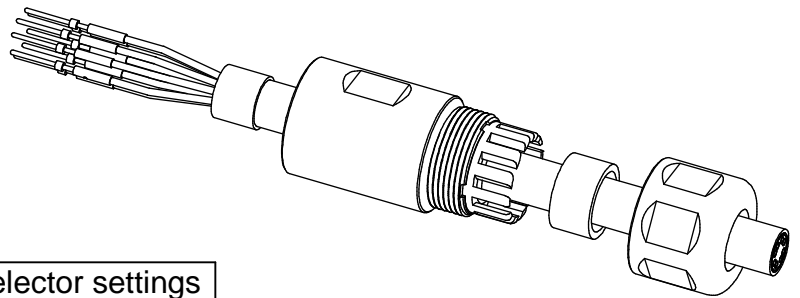
shorten braided shield, turn it over the cable jacket and wrap it with copper tape

3

crimp contacts with
tool: 36-000500
settings: see table

wire cross section	tool insert	selector settings
0,08 mm² - 0,34 mm² AWG 28 - AWG 22	36-000510	5 for AWG 22 4 for AWG 24 4 for AWG 26 3 for AWG 28

4

twisting pairs of wires and
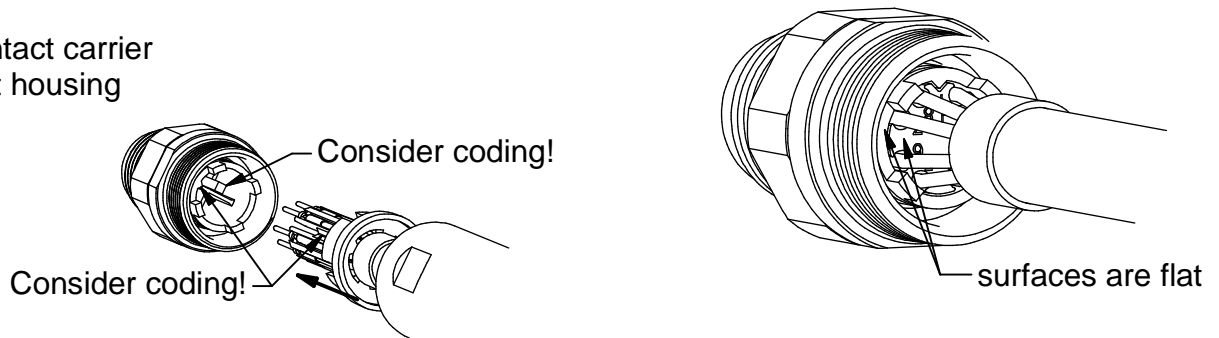insert contacts in the
contact carrier laterally

3 4 5 6
2 7
1 8

Consider coding!

Note item numbers!

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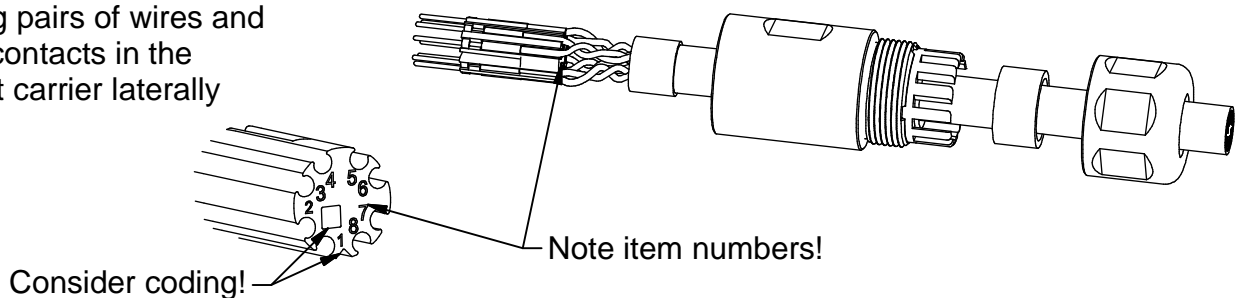
5

slide insert over
the contact carrier

Do not push the four ribs over the contacts!
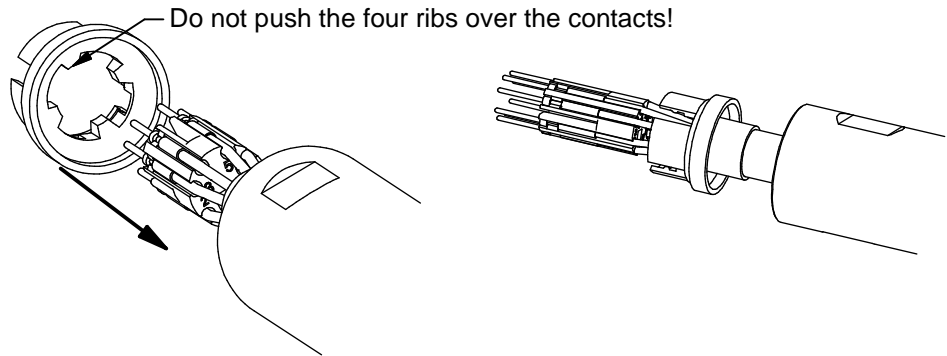
6

slide contact carrier
into front housing

Consider coding!

Consider coding!

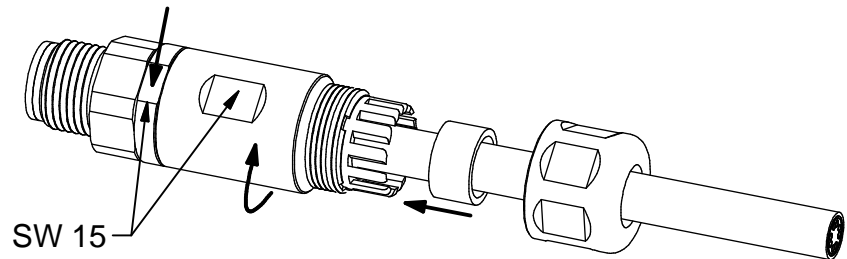surfaces are flat

7

push in the insert

Consider coding!
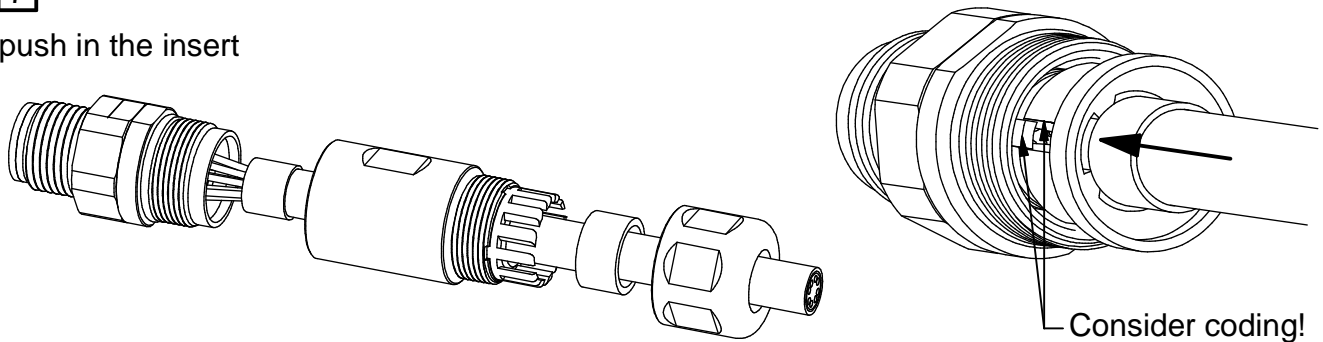
8

screw housing [c] until it stops
Conec tool:
36-000200
36-000320 for SW15

push cable seal [b]
into the cable cage

SW 15

9

tighten gland to a
torque of min. 100 Ncm

SW 15

technical modification reserved