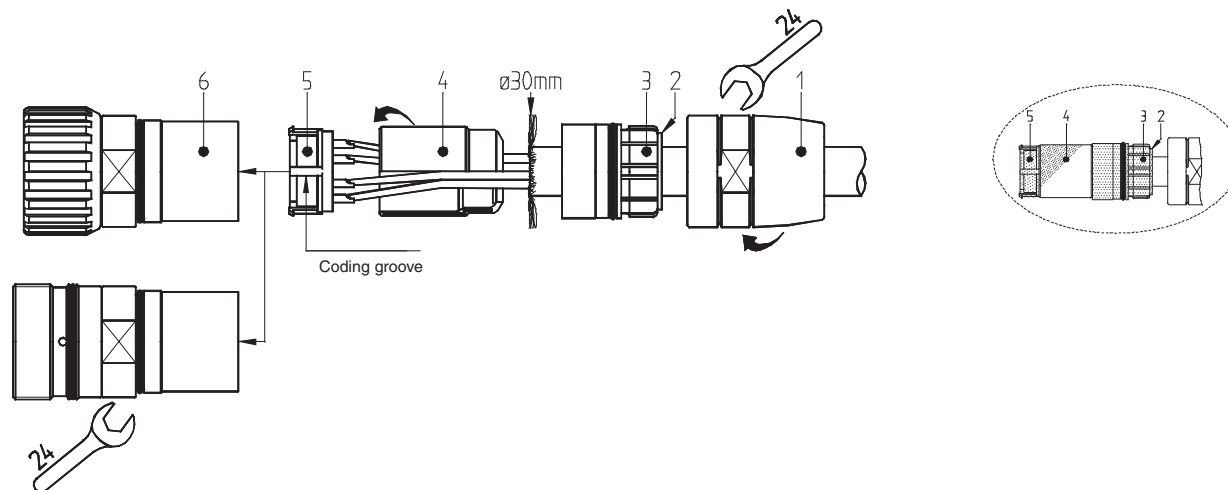


Signal Connectors – CONINVERS signal

M27 – HC Series

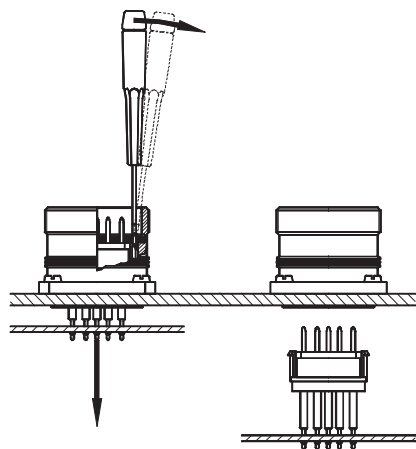
Cable connectors and cable connecting receptacles, straight, shielded



- Push endbell (pos.1), seal element (pos.3) with sealing ring (pos.2) on to the cable.
- Strip the cable exterior insulation back 30 mm (approx. 1.2 inches).
- Bend shielding braid back at right angles and cut it as shown (diameter 30 mm).
- Remove foil, inner insulation, etc. to expose cable wires.
- Strip wire ends 3.5 mm, twist strands together and tin them with solder (if necessary).
- Solder, screw or crimp wires to contacts of the insert.
- Fold collapsible plastic sleeve over wires as shown (pos.4).
- Push insert (pos.5), collapsible sleeve (pos.4), and sealing element (pos.3) with sealing ring (pos.2) into enclosure cylinder (pos.6). **Caution:** The desired coding channel of the insert (pos.5) must be aligned to the coding rib of the enclosure cylinder. Screw the endbell (pos.1) all the way down **tight to the stop**.

Panel mounting connectors, straight

Remove contact carrier



- Easy to disassemble from plug-in side without special tools

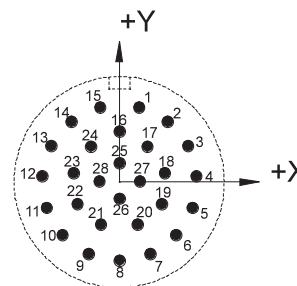
Signal Connectors – CONINVERS signal

M27 – HC Series

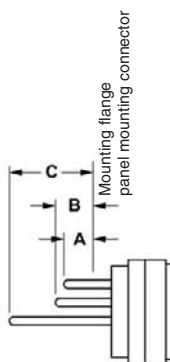
PC Board layout 26-/28-pos. (dip solder contacts)

Deviation from center ± 0.1 mm

	X	Y		X	Y
Pos. 1	+1.95	+7.47	Pos. 15	-1.95	+7.47
Pos. 2	+4.85	+6.05	Pos. 16	-0.82	+5.03
Pos. 3	+6.82	+3.65	Pos. 17	+2.82	+3.64
Pos. 4	+7.72	+0.65	Pos. 18	+4.55	+0.97
Pos. 5	+7.28	-2.53	Pos. 19	+4.28	-2.13
Pos. 6	+5.67	-5.23	Pos. 20	+1.83	-4.17
Pos. 7	+3.08	-7.08	Pos. 21	-1.83	-4.17
Pos. 8	+0.55	-7.73	Pos. 22	-4.25	-2.13
Pos. 9	-3.08	-7.08	Pos. 23	-4.55	+0.97
Pos. 10	-5.67	-5.27	Pos. 24	-2.82	+3.65
Pos. 11	-7.28	-2.53	Pos. 25	-0.82	+1.88
Pos. 12	-7.75	+0.63	Pos. 26	-0.82	-1.63
Pos. 13	-6.82	+3.65	Pos. 27	+2.02	+0.14
Pos. 14	-4.82	+6.05	Pos. 28	-2.02	+0.14



Housing Type	Free solder pin length [mm]		
Dip solder pin-Ø	A	B	C
HC-.....2300	3.5	4.5	10.0
HC-.....WA00	–	–	10.0
HC-.....4300	3.5	4.5	10.0



The free solder pin length A, B or C is the distance between the mounting flange of the panel mounting connector and the end of the dip solder contact. This distance includes the housing wall thickness and the air gap to the printed circuit board.