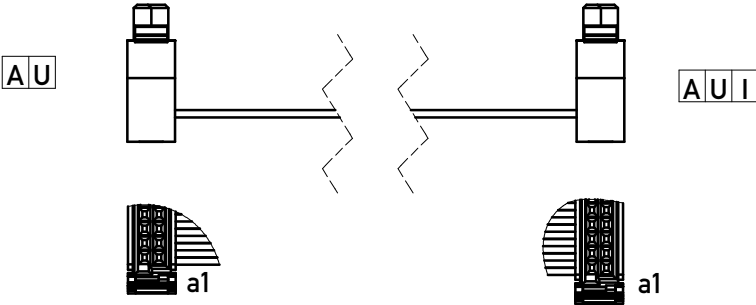


Attachment & Connector Orientation

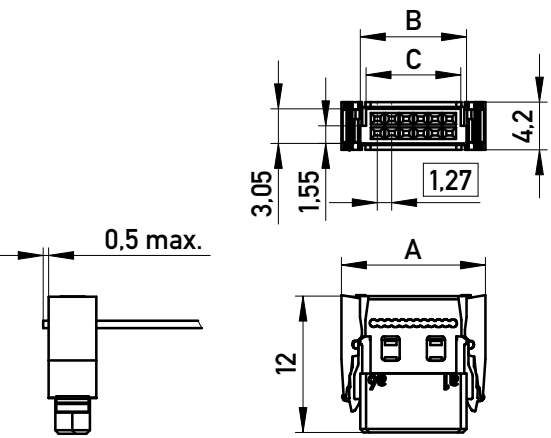
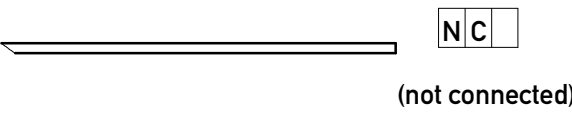
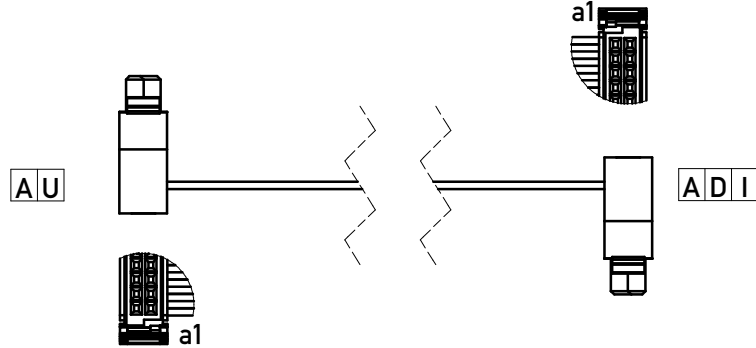
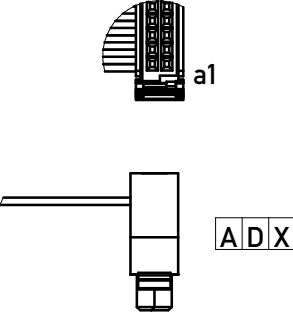
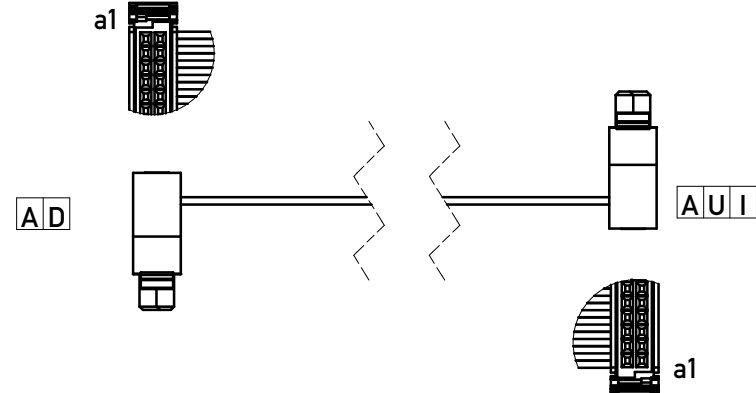
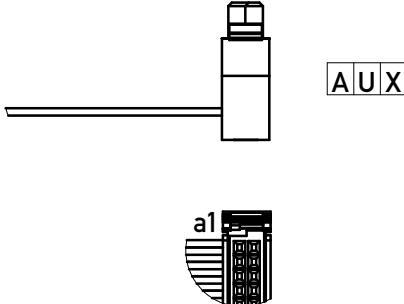
1:1 connection type ☐ I

Connector #1 Connector #2



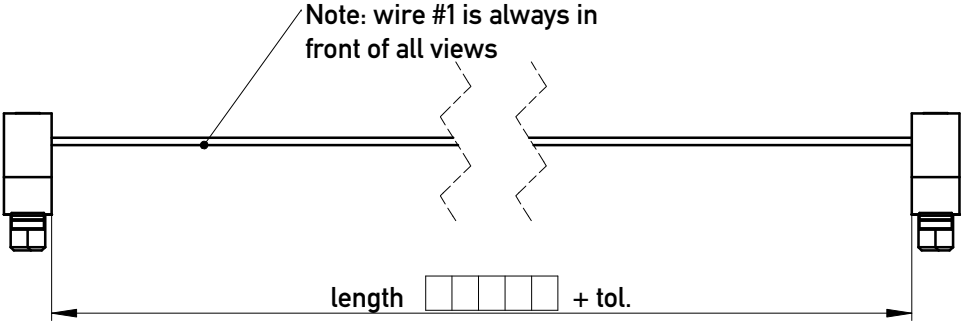
1:2 Crossed connection type ☒ X

Connector #2 will be 180° rotated



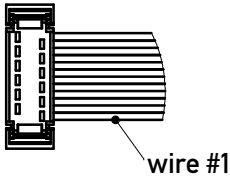
No. of Pin	Dim A	Dim B	Dim C
12	12.69	9.37	8.37
16	15.23	11.91	10.91
20	17.77	14.45	13.45
26	21.58	18.26	17.26
32	25.39	22.07	21.07
40	32.53	27.15	26.15
50	38.88	33.5	32.5
68	50.31	44.93	43.93
80	57.93	52.55	51.55

Wire Counting & Flat Cable Specification



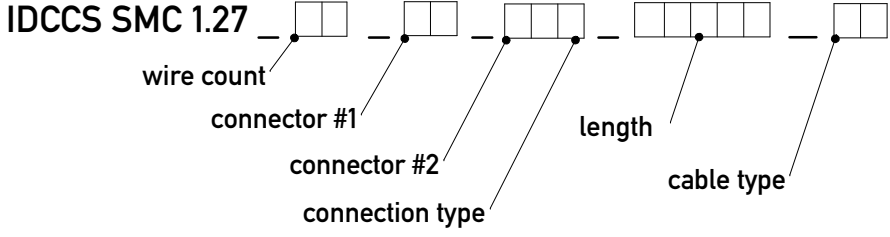
Tolerances depends on cable length:
≤ 1000mm Tol. 0/+5mm
≤ 3000mm Tol. 0/+10mm
> 3000mm Tol. 0/+20mm

Available wire count
12
16
20
26
32
40
50
68
80



Available cable type				
code	cable type	AWG	wire #1 colour	temp range (static)
PV	PVC	30/7	red	-20°/+105°C
TP	TPE-S	30/7	green	-40°/+125°C
HF	Polyolefin (free of halogen)	30/7	blue	-20°/+105°C

Product Code



Example for a 1:2 connection cable assembly: SMC 0.635_80_AU_AUX_1250_PV
Example for a 1:1 connection cable assembly: SMC 0.635_80_AU_AUI_1250_PV

Information: All rights reserved. Only for Information. To insure that this is the latest version of this drawing, please contact one of the ERNI companies before using.	Tolerances All Dimensions in mm	Scale 2:1		Sheet 1/1	
		Designation SMC Standard Cable Flat Ribbon Cable Assemblies		838000	
www.ERNI.com		Class IDCCS		I A3	

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