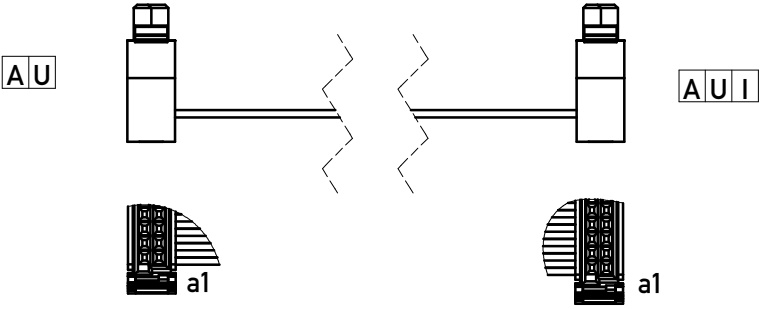


Attachment & Connector Orientation

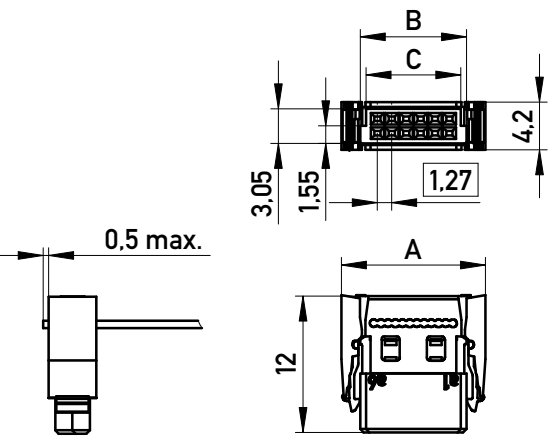
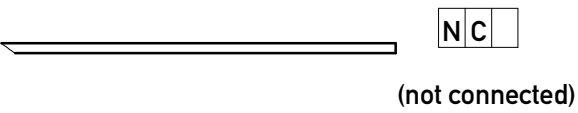
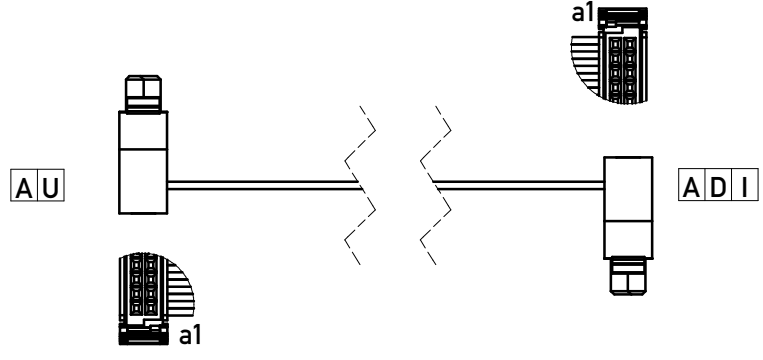
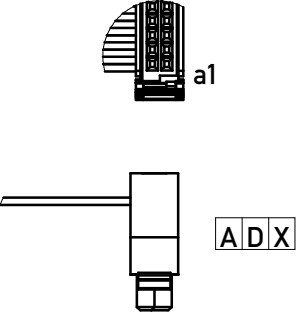
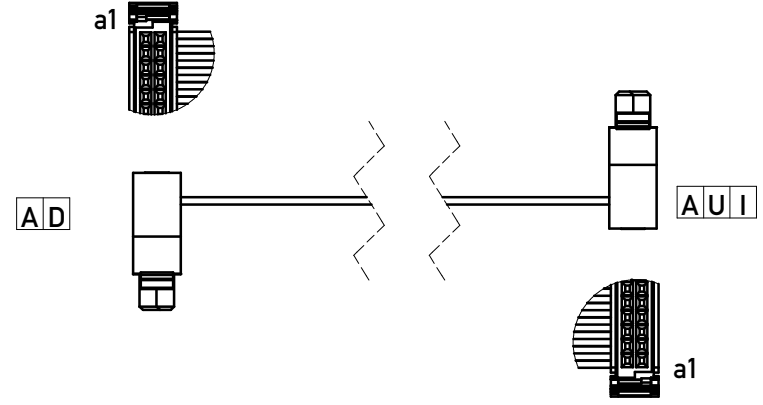
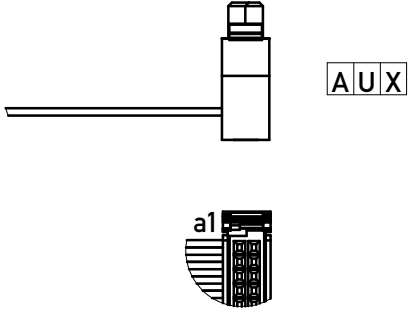
1:1 connection type ☐ I

Connector #1 Connector #2



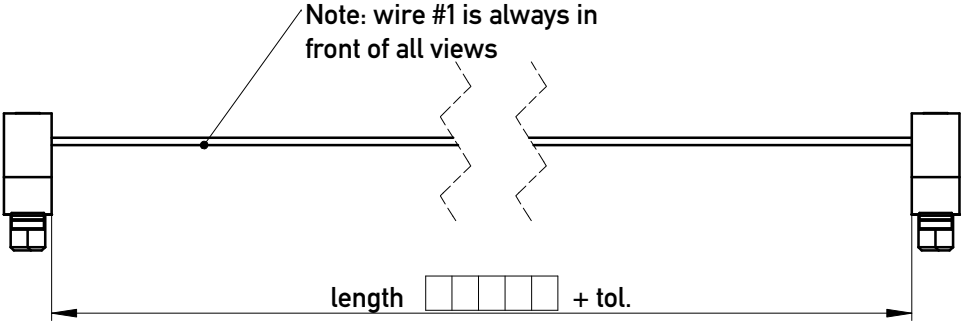
1:2 Crossed connection type ☒ X

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

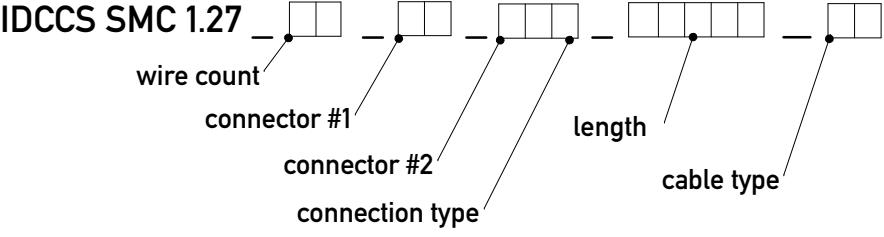


Tolerances depends on cable length:
≤ 1000mm Tol. 0/+5mm
≤ 3000mm Tol. 0/+10mm
> 3000mm Tol. 0/+20mm

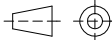
Available wire count
12
16
20
26
32
40
50
68
80

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:	Tolerances		Scale 2:1	Sheet 1/1	
		All Dimensions in mm			
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.	Subject to modification without prior notice. Drawing will not be updated.		Designation		
			SMC Standard Cable		
			Flat Ribbon Cable Assemblies		
		www.ERNI.com	838000		I
			Class IDCCS		A3