

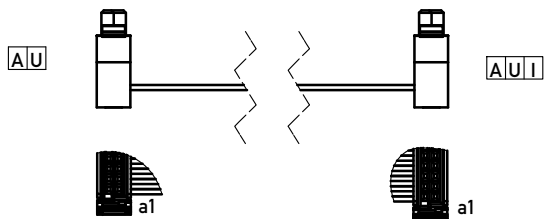
Attachment & Connector Orientation

Wire Counting & Flat Cable Specification

1:1 connection type ☒

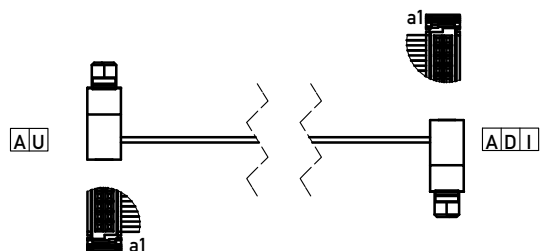
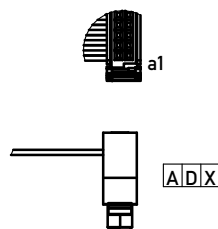
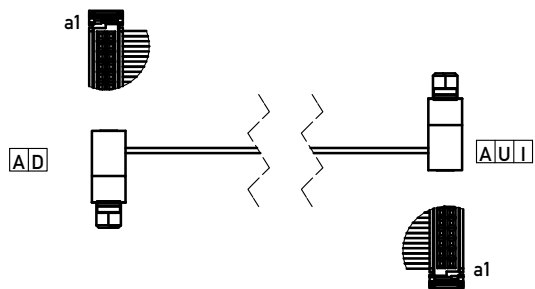
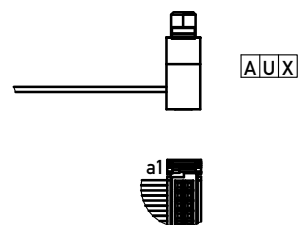
Connector #1

Connector #2



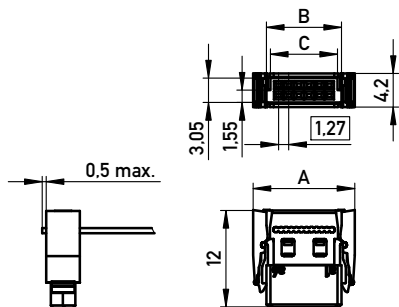
1:2 Crossed connection type ☒

Connector #2 will be 180° rotated



N	C	
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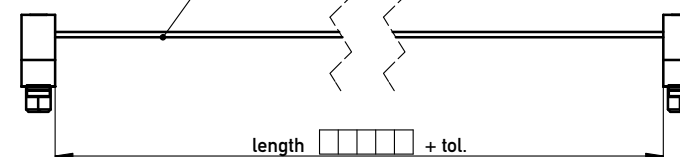
(not connected)



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

Note: wire #1 is always in front of all views



Tolerances depends on cable length:

<= 1000mm Tol. 0/+5mm

<= 3000mm Tol. 0/+10mm

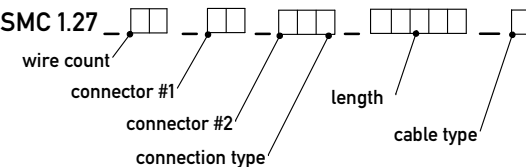
> 3000mm Tol. 0/+20mm

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

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

Product Code

IDCCS SMC 1.27



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 AUJ 1250 PV

Information:

Tolerances



Scale 2:1

Sheet 1/1

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version of this drawing, please
contact one of the ERNI companies
before using.

Subject to modification without
prior notice.
Drawing will not be updated.



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	Designation
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SMC Standard Cable

Flat Ribbon Cable Assemblies

838000

A3

Class	IDCCS
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