

## 6.8 Cables 1 and 2, connection cables

### 6.8.1 Variants of cable 1

**Variant:**

**Connection of control unit to transmission;  
Cable protected by corrugated tube and  
heat-shrinkable tubing**

**Design**

Voith collective drawing

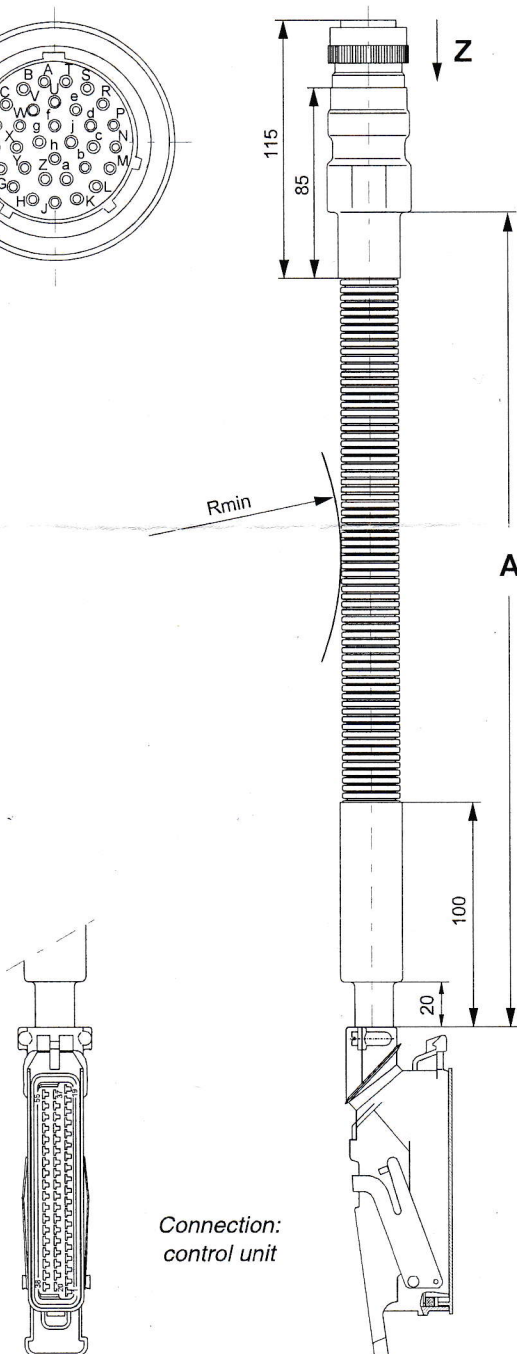
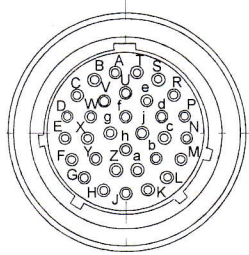
55.3874. ...

**Variants**

Voith part no.	Length A [mm]
56.4439. ...	3 300
56.4920. ...	4 000
56.3755. ...	7 000
56.4198. ...	9 500
56.4911. ...	10 000
68.0828. ...	10 600
68.1855. ...	11 000
56.3835. ...	12 000
56.3638. ...	13 000
56.3690. ...	14 000
56.3691. ...	14 500
56.4186. ...	15 500
56.4136. ...	18 500
56.4663. ...	21 000
56.4603. ...	24 000

View Z

Connection: transmission;  
connector shown enlarged



Connection:  
control unit

**Installation instructions**

Allowed temperature ranges,  
for flexible installation:

**-40 to +120°C (= -40 to +248 °F)**

for fixed installation:

**-40 to +135°C (= -40 to +275 °F)**

Install cable free of tension and with  
minimum bending radius  $R_{min}$ ,

for flexible installation: **120 mm**

for fixed installation: **80 mm**