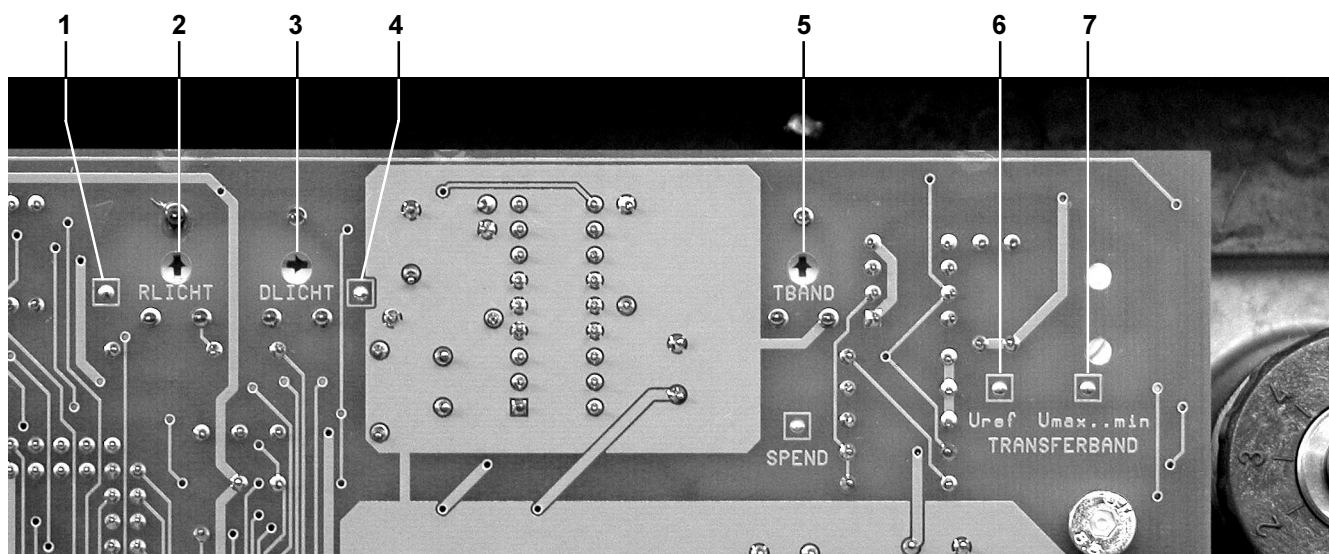


## Transfer Printer A2Gemini

### Instructions for Sensor Adjustments



#### **Danger to life and limb**

**The sensor adjustments must be carried out with printer open and switched on. For that reason there is a risk to life and limb from the live wires inside the printer. The adjustments may only be carried out by qualified and trained electricians.**

#### Adjustment of the Label Edge Sensor

1. Remove the rear cover.
2. Switch on the printer.
3. For **see-through sensor** adjustment insert the silicon liner without labels into the sensor. Tighten the material.  
Measure voltage  $U_D$  at the measuring point **DLICHT (4)** and adjust it to **2.1 - 2.2 V** using the potentiometer **DLICHT (3)**.  
Perform test measurements : Sensor empty :  $U_D < 0.5 \text{ V}$ , Liner with label in the sensor :  $U_D > 3.5 \text{ V}$ .
4. For **reflective sensor** adjustment use material with reflective marks on the bottom. Insert the material in such a way, that a free area without marks is measured by the sensor. Tighten the material.  
Measure voltage  $U_R$  at the measuring point **RLICHT (1)** and adjust it to **0.25 V** using the potentiometer **RLICHT (2)**.
5. Mount the rear cover.

#### Adjustment of the Ribbon Sensor

1. Remove the rear cover.
2. Switch on the printer.
3. Slowly turn the ribbon supply hub and check the maximum value  $U_{\max}$  and the minimum value  $U_{\min}$  at the measuring point  $U_{\max..min}$  (7). The difference  $U_{\max} - U_{\min}$  must be **> 0.8 V**.
4. Measure voltage at the measuring point  $U_{\text{Ref}}$  (6) and adjust it to the value  $(U_{\max} + U_{\min})/2$  using the potentiometer **TBAND (5)**.
5. Mount the rear cover.