

Wiring diagram of the Control Panel - Modul TB_PREM in control panel used for
MODEL PRO 500 (DC 310), MODEL PRO 700 (DC 350), DC 240, DC 290, DL 210, DL 270, DL 290, DL 320, DL 330, DL 340, DL 380,
MODEL PRO 600 (DA 270), DA 280, MODEL PRO 800 (DA 370), DA 380
 (15.1.2021)

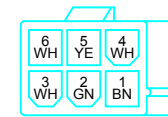
BK - Black (čierna)
 BN - Brown (hnedá)
 BU - Blue (modrá)
 GN - Green (zelená)
 GNYE - Green/Yellow
 GY - Grey (sivá)
 OG - Orange (oranžová)
 PK - Pink (ružová)
 RD - Red (červená)
 VT - Violet (fialová)
 WH - White (biela)
 YE - Yellow (žltá)

Functionally related parts	
- Valves-Group 1. (Connector X17)	- Light 1. (Connector X24)
- Valves-Group 2. (Connector X18)	- Light 2. (Connector X23)
- Valves-Group 3. (Connector X21)	- Light 3. (Connector X26)
- Valves-Group 4. (Connector X27)	- Light 4. (Connector X25)
- Valves-Group 5. (Connectors X28)	- Light 5. (Connector X22)
- Valves-Group 6. (Connectors X29)	- valve for hygiene syringe
- Light 6. (Connector X11)	

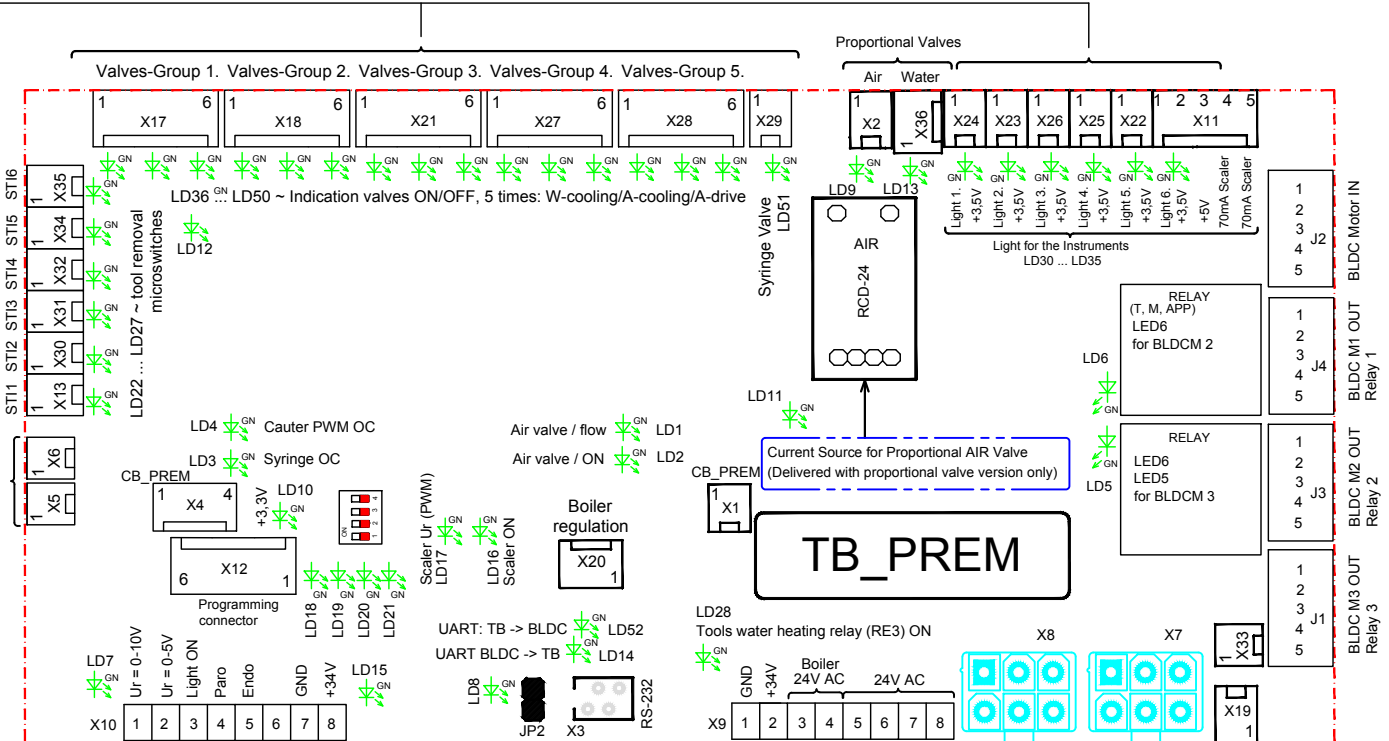
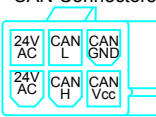
LD5 ~ BLDC relay 1 ON
 LD6 ~ BLDC relay 2 ON
 LD7 ~ CAN +5V
 LD8 ~ Power Good for Scaler
 LD9 ~ Water servo - Control
 LD11 ~ +34V
 LD12 ~ +24V
 LD13 ~ Water servo - Power
 LD15 ~ +34V / Scaler
 LD16 ~ Scaler ON
 LD17 ~ Scaler Ur (PWM) (Intensity of LED depends on output intensity of Ur)
 LD18 ~ Scaler Light
 LD19 ~ Scaler Paro
 LD20 ~ Scaler Endo
 LD21 ~ Scaler Start

1 ~ Normal OFF - If table not contain motors turn ON
 2 ~ Normal OFF - Factory reset (Turn ON DIP SW2 -> Restart Dental Unit -> Wait for 5 min -> Turn OFF Dental Unit -> Turn OFF DIP SW2 -> Turn ON Dental Unit)
 3 ~ Normal OFF - not used
 4 ~ Normal OFF - not used

X7, X8 Connector



General view of CAN Connectors



Control Panel - Base

Pantograph of the Control Panel

Pillar

Spittoon Block / Power Block / Pillar Base

Bundle of the Control Panel

Communication and 24V AC
 SB_PREM X6, X8, X9
 Spittoon Block