



TEKNO

Elektrotechnik

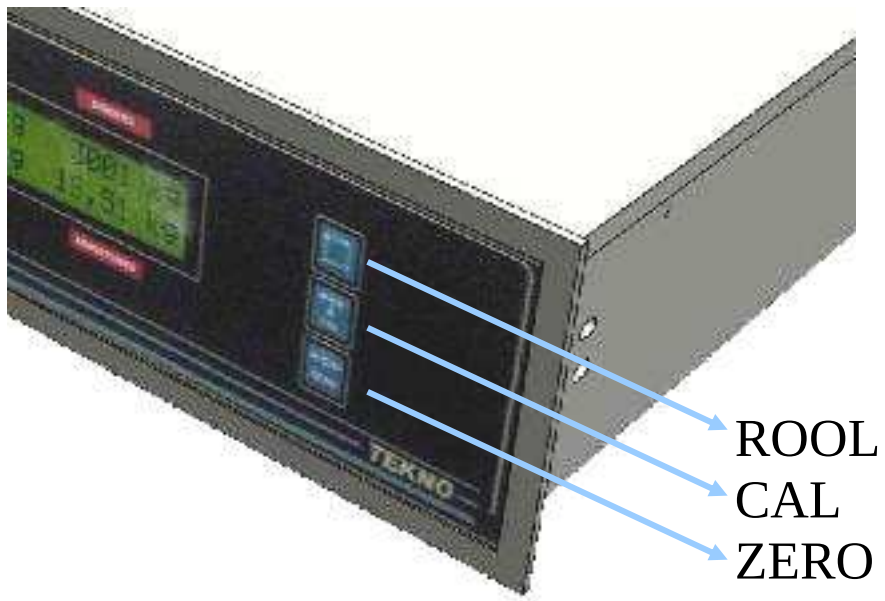
BETOSYSTEM USER MANUEL

This document details the technical information and installation **betosystem** automation system can access information.

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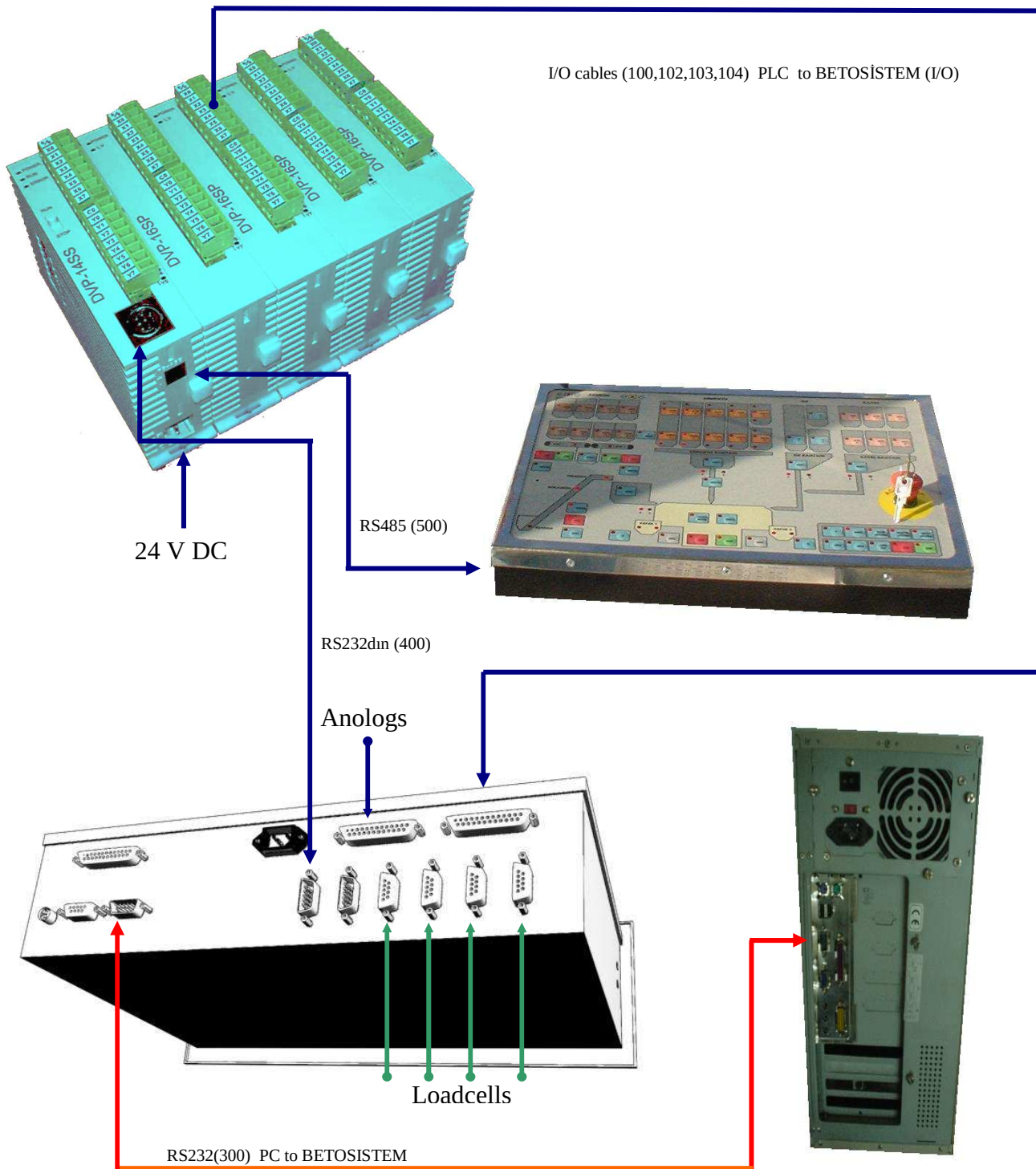


ROOL : USING FOR MENU TRANSITION

CAL : IT IS THE SET KEY., saves the selected value

ZERO :USING FOR BE ZERO

SYSTEM CONNECT DIAGRAM



RS 232C connect table

9PIN D	Colour value	statement	9PIN D
2	green	RXD	3
3	brown	TXD	2
5	white	GND	5

ANALOG CONNECT TABLE

DB25F	statement	statement	ANOLOG NO
21	0-10/0-5 V	V1	ANOLOG 1
8	4-20 mA	I1	
20	COM	0V	
19	0-10/0-5 V	V2	ANALOG 2
6	4-20 mA	I2	
18	COM	0V	
17	0-10/0-5 V	V3	ANOLOG 3
4	4-20 mA	I3	
16	COM	0V	
15	0-10/0-5 V	V4	ANALOG 4
2	4-20 mA	I4	
14	COM	0V	

Important: Before connecting the analog inputs on the card is not inserted moving jumpers installed correctly and check.

☐ 0 ☐ 0 ☐ 0 ☐ 0 ☐ 0 ☐ 0 ☐ 0 ☐ 0 ☐ 0 ☐ 0
☐ 0 ☐ 0 ☐ 0 ☐ 0 ☐ 0 ☐ 0 ☐ 0 ☐ 0 ☐ 0

* 4-20mA Jumpers settings for humidity probe

☐ 0 ☐ 0 ☐ 0 ☐ 0 ☐ 0 ☐ 0 ☐ 0 ☐ 0 ☐ 0
☐ 0 ☐ 0 ☐ 0 ☐ 0 ☐ 0 ☐ 0 ☐ 0 ☐ 0 ☐ 0

* 0-10V Jumpers settings for humidity probe

☐ 0 ☐ 0 ☐ 0 ☐ 0 ☐ 0 ☐ 0 ☐ 0 ☐ 0 ☐ 0
☐ 0 ☐ 0 ☐ 0 ☐ 0 ☐ 0 ☐ 0 ☐ 0 ☐ 0 ☐ 0

* 0-5 Jumpers settings for humidity probe



***Cable connections and jumper settings are correct after the calibration process can begin.

CALIBRATION

4000 kg 1220 kg 940 kg 30 kg	
4000 kg AGREGA	
SETUP Filtre 1 : 2	
KANTARI BOŞALTIP CAL TUŞUNA BASINIZ	
KANTARI YÜKLEYİP CAL TUŞUNA BASINIZ	
KONULAN YUK 100_ kg	
CAL-YÜKLE / ZERO-İPTAL ROOL – EN BAŞA DÖN	
4000 kg 1220 kg 940 kg 30 kg	

Calibration process for the selection of the scale to do is press ROOL. For example, the calibration scale for water and water ROOL scale is key. And to choose the CAL key is pressed. Menu button is pressed again within ROOL is progress, and "CAL SCALE and press the DUMPING" text when it comes to the screen, press CAL is discharged and scale. The countdown is finished. "INSTALLING SCALE CAL button and" warning appears. In this case, for calibration weights are loaded and is pressing CAL. ZERO key to enter the amount of issues with the figure is determined, households are pressing to skip ROOL. Press to confirm the value of CAL is expected to complete and the countdown. To complete the calibration CAL ZERO To cancel, press again ROOL is to be calibrated. Same process applies to all scales.

** "not edin" warning includes calibration values. To return to this calibration, this value is used. You would be useful to write.

CHANGE PARTITION'S VALUE (1 → 3)

4000 kg	1220 kg
940 kg	30 kg



4000 kg
AGREGA



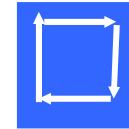
SETUP
Filtre 1 : 2



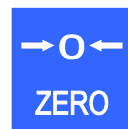
KALIBRASYON
B. Değeri : 1



BÖLÜNTÜ DEĞERİ
1



BÖLÜNTÜ DEĞERİ
3



4000 kg	1220 kg
940 kg	30 kg

CHANGE AVERAGE FİLTER’S VALUE (2 → 4)

4000 kg	1220 kg
940 kg	30 kg



4000 kg
AGREGA



SETUP
Filtre 1 : 2



FİLTRE ORTALAMA
2



FİLTRE ORTALAMA
4



4000 kg	1220 kg
940 kg	30 kg

CHANGE INSTANT LOAD FİLTRE'S VALUE (1 → 3)

4000 kg	1220 kg
940 kg	30 kg



4000 kg
AGREGA



SETUP
Filtre 1 : 2



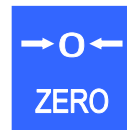
KALIBRASYON
Filtre 2 : 1



FİLTRE ANİ YÜK
1



FİLTRE ANİ YÜK
3



4000 kg	1220 kg
940 kg	30 kg

* Instant load filter's value and average filter value's product combination
 "weigher's sensitivity" is determines.

Weigher Type	Average Filter	Instant Load Filter	Statement
Aggregate	2	1	Normal Sensitivity
	0	0	Very High Sensitivity
	4	6	Very Low Sensitivity
Cement	2	1	Normal Sensitivity
	0	0	Very High Sensitivity
	4	6	Very Low Sensitivity
Water	2	2	Normal Sensitivity
	0	0	Very High Sensitivity
	4	6	Very Low Sensitivity
Admix.	3	2	Normal Sensitivity
	0	0	Very High Sensitivity
	4	6	Very Low Sensitivity

TABLE -3

CHANGE WEIGHER TYPE VALUE (0 → 1)

4000 kg	1220 kg
940 kg	30 kg



4000 kg AGREGA



SETUP Filtre 1 : 2



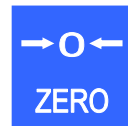
SETUP Tartım Tip : 0



TARTIM TİPİ 0



TARTIM TİPİ 1



4000 kg	1220 kg
940 kg	30 kg

Tartım Tipi – Weigher Type	
0	Loadcell
1	Pulsmeter

CHANGE CAPACITY VALUE (1000 → 4000)

4000 kg	1220 kg
940 kg	30 kg



4000 kg AGREGA



SETUP Filtre 1 : 2



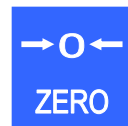
KALİBRASYON Kapasite : 1000



KAPASİTE KATSAYISI 1000



KAPASİTE KATSAYISI 4000



4000 kg	1220 kg
940 kg	30 kg