

Alfred-Nobel-Str. 55-57 90765 Fürth www.lpkf-laserwelding.com

supply voltage: 3/N/PE 400V 50/60Hz

control voltage: 24V DC

analog signals: 0-10V DC, 4-20 mA

power: 0,86 kW

## electrical documentation

Customer: Tandem Diabetes

machine: PowerWeld 2600

R-2015-002

serial number: LQ250QS-1919-0152

0 1 2 3 4 5 6 7 8 9

## conductor color

in front of main switch: orange

phase conductor: black

neutral conductor: white

PE: yellow/green

24V DC+: dark blue

24V DC-: white/blue

analog+: dark blue

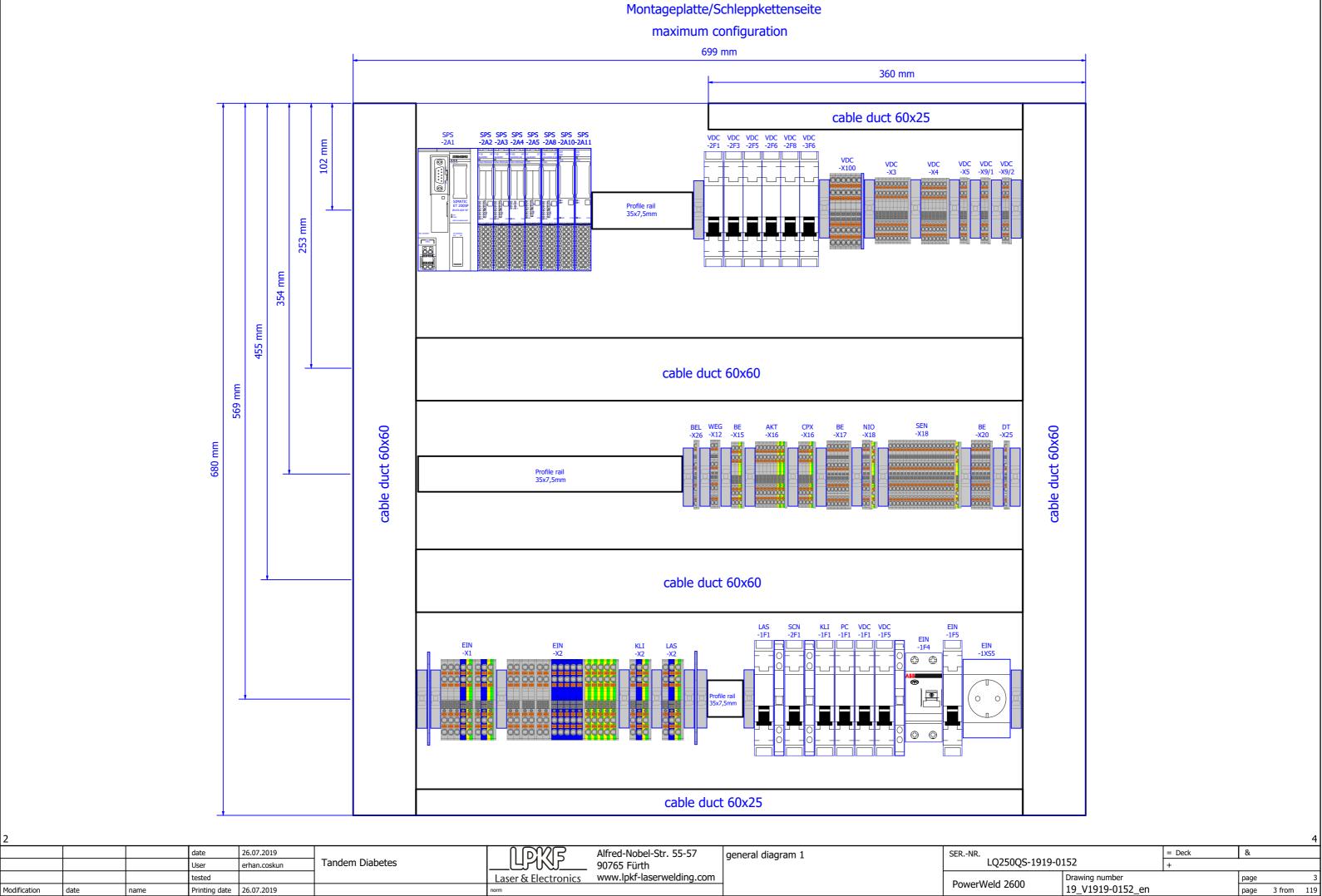
analog-: white/blue

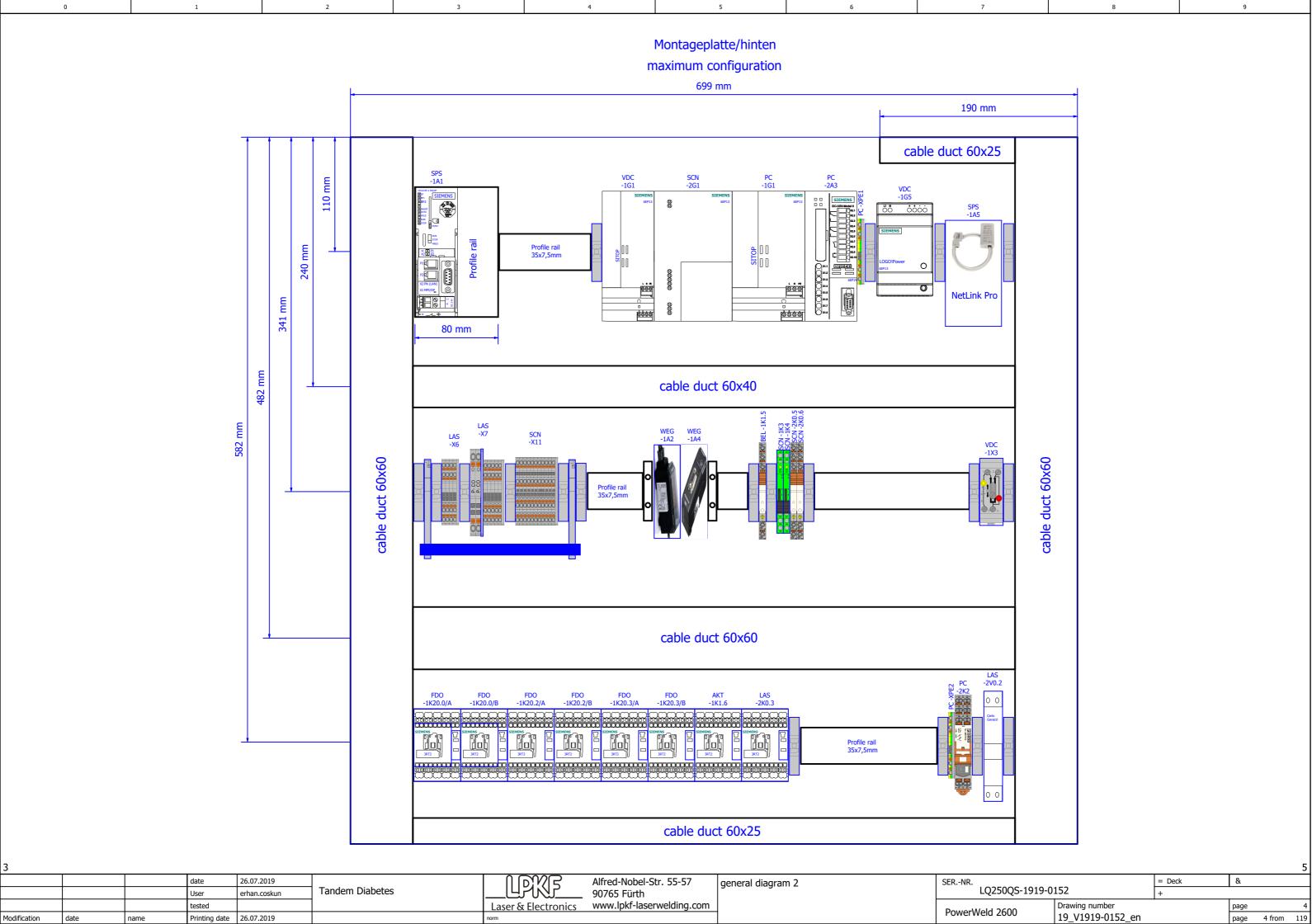
### **Cross-section of wire**

extra low voltage 1mm<sup>2</sup>

low voltage 2,5mm<sup>2</sup>

1													
		\	date	26.07.2019	Tandem Diabetes	LPKF	Alfred-Nobel-Str. 55-57	cover sheet	SERNR. LQ250QS-1919-0152		= Deck	&	
			User	erhan.coskun			90765 Fürth				+		
			tested			Laser & Electronics			DowerWold 2600	Drawing number		page	2
Modification	date	name	Printing date	26.07.2019		norm			PowerWeld 2600 19_V1919-0152_en			page 2 from	om 119





#### Structure identifier overview

Full designation	Structure description
location	
+EIN	Power supply
+VDC	VDC Supply
+KUE	cooler
+BEL	lighting
+KLI	air conditioning
+LAS	laser
+SCN	scanner
+PC	PC
+WEG	position sensor system
+BE	Operation
+NIO	NIO box
+FDO	safety outputs
+SEN	sensors
+AKT	actuators
+DT	permanent test
+SPS	PLC general diagram
+CPX	CPX general diagram
+P	pneumatic
+UE	general diagram

F24\_003

4												:	=Info/1
			date	26.07.2019	Tandem Diabetes		Alfred-Nobel-Str. 55-57	Structure identifier overview	SERNR.		= Deck	&	
			User	erhan.coskun			90765 Fürth		LQ250QS-1919-0	)152	+		
			tested			Laser & Electronics	www.lpkf-laserwelding.com		DowerWold 2600	Drawing number		page	5
Modification	date	name	Printing date	26.07.2019		norm			PowerWeld 2600	veid 2600   19_V1919-0152_en		page 5 fro	from 119

directory total page number Page type date User Page description page =Deck/1 26.07.2019 erhan.coskun Title page / cover sheet Cover sheet 26.07.2019 =Deck/2 Title page / cover sheet cover sheet erhan.coskun =Deck/3 Panel layout general diagram 1 26.07.2019 erhan.coskun 26.07.2019 =Deck/4 Panel layout general diagram 2 erhan.coskun =Deck/5 Structure identifier overview Structure identifier overview 26.07.2019 erhan.coskun =Info/1 directory Table of contents 26.07.2019 erhan.coskun =Info/2 26.07.2019 directory Table of contents erhan.coskun =Info/3 26.07.2019 directory Table of contents erhan.coskun 26.07.2019 =Info/4 directory Table of contents erhan.coskun 10 =PowerWeld 2600+EIN/1 Schematic multi-line Power supply 400V 50/60Hz 26.07.2019 erhan.coskun 11 =PowerWeld 2600+EIN/2 Schematic multi-line Supply 230V/400V 26.07.2019 erhan.coskun 12 =PowerWeld 2600+VDC/1 Schematic multi-line 26.07.2019 erhan.coskun Supply supply unit =PowerWeld 2600+VDC/2 13 Schematic multi-line Supply 24VDC 26.07.2019 erhan.coskun 14 26.07.2019 =PowerWeld 2600+VDC/3 Schematic multi-line erhan.coskun Supply 24VDC =PowerWeld 2600+BEL/1 15 Schematic multi-line 26.07.2019 erhan.coskun machine illumination 26.07.2019 =PowerWeld 2600+KLI/1 16 Schematic multi-line air conditioning erhan.coskun =PowerWeld 2600+LAS/1 17 26.07.2019 Schematic multi-line erhan.coskun laser power supply unit =PowerWeld 2600+LAS/2 18 Schematic multi-line 26.07.2019 laser power supply unit erhan.coskun =PowerWeld 2600+LAS/3 19 26.07.2019 Schematic multi-line laser erhan.coskun =PowerWeld 2600+SCN/1 20 26.07.2019 Schematic multi-line scanner card erhan.coskun 21 =PowerWeld 2600+SCN/2 26.07.2019 Schematic multi-line scanner erhan.coskun 22 =PowerWeld 2600+PC/1 Schematic multi-line **UPS** 26.07.2019 erhan.coskun 23 **UPS** =PowerWeld 2600+PC/2 Schematic multi-line 26.07.2019 erhan.coskun 24 PC =PowerWeld 2600+PC/3 Schematic multi-line 26.07.2019 erhan.coskun 25 =PowerWeld 2600+PC/4 Schematic multi-line RS 232 26.07.2019 erhan.coskun 26 =PowerWeld 2600+WEG/1 Schematic multi-line position sensor system 26.07.2019 erhan.coskun 27 TP 26.07.2019 =PowerWeld 2600+BE/1 Schematic multi-line erhan.coskun =PowerWeld 2600+BE/2 28 Schematic multi-line 26.07.2019 erhan.coskun status lights =PowerWeld 2600+BE/3 29 Schematic multi-line 26.07.2019 NIO box erhan.coskun =PowerWeld 2600+BE/4 30 26.07.2019 Schematic multi-line erhan.coskun emergency stopping 31 =PowerWeld 2600+BE/5 Schematic multi-line 26.07.2019 two-hand control erhan.coskun =PowerWeld 2600+NIO/1 32 Schematic multi-line NIO box 26.07.2019 erhan.coskun 33 =PowerWeld 2600+FDO/1 Schematic multi-line FDO 26.07.2019 erhan.coskun 34 FDO 26.07.2019 =PowerWeld 2600+FDO/2 Schematic multi-line erhan.coskun =PowerWeld 2600+FDO/3 35 Schematic multi-line FDO 26.07.2019 erhan.coskun 36 FDI 26.07.2019 =PowerWeld 2600+SEN/1 Schematic multi-line erhan.coskun 37 FDI 26.07.2019 =PowerWeld 2600+SEN/2 Schematic multi-line erhan.coskun 38 FDI 26.07.2019 =PowerWeld 2600+SEN/3 Schematic multi-line erhan.coskun 39 =PowerWeld 2600+SEN/4 Schematic multi-line CPX - DI 26.07.2019 erhan.coskun =Deck/5 26.07.2019 Alfred-Nobel-Str. 55-57 = Info Table of contents Tandem Diabetes LQ250QS-1919-0152 90765 Fürth erhan.coskun www.lpkf-laserwelding.com Drawing number ested Laser & Electronics page PowerWeld 2600

26.07.2019

Printing date

Modification

19\_V1919-0152\_en

6 from

page

### directory

page	total page number	Page type	Page description	date	User
=PowerWeld 2600+SEN/5	40	Schematic multi-line	CPX - DI	26.07.2019	erhan.coskun
=PowerWeld 2600+SEN/6	41	Schematic multi-line	CPX - DI	26.07.2019	erhan.coskun
=PowerWeld 2600+SEN/7	42	Schematic multi-line	CPX - DI	26.07.2019	erhan.coskun
=PowerWeld 2600+SEN/8	43	Schematic multi-line	CPX - DI	26.07.2019	erhan.coskun
=PowerWeld 2600+SEN/9	44	Schematic multi-line	CPX - DI	26.07.2019	erhan.coskun
=PowerWeld 2600+AKT/1	45	Schematic multi-line	actuators	26.07.2019	erhan.coskun
=PowerWeld 2600+DT/1	46	Schematic multi-line	permanent test	26.07.2019	erhan.coskun
=PowerWeld 2600+SPS/1	47	Schematic multi-line	СРИ	26.07.2019	erhan.coskun
=PowerWeld 2600+SPS/2	48	Schematic multi-line	ET200SP	26.07.2019	erhan.coskun
=PowerWeld 2600+SPS/3	49	PLC diagram	PLC diagram : =PowerWeld 2600+SPS-1A1 - =PowerWeld 2600+SPS-1A1	26.07.2019	erhan.coskun
=PowerWeld 2600+SPS/4	50	PLC diagram	PLC diagram : =PowerWeld 2600+SPS-1A5 - =PowerWeld 2600+SPS-1A5	26.07.2019	erhan.coskun
=PowerWeld 2600+SPS/5	51	PLC diagram	PLC diagram : =PowerWeld 2600+SPS-2A1 - =PowerWeld 2600+SPS-2A1	26.07.2019	erhan.coskun
=PowerWeld 2600+SPS/6	52	PLC diagram	PLC diagram : =PowerWeld 2600+SPS-2A2 - =PowerWeld 2600+SPS-2A2	26.07.2019	erhan.coskun
=PowerWeld 2600+SPS/7	53	PLC diagram	PLC diagram : =PowerWeld 2600+SPS-2A3 - =PowerWeld 2600+SPS-2A3	26.07.2019	erhan.coskun
=PowerWeld 2600+SPS/8	54	PLC diagram	PLC diagram : =PowerWeld 2600+SPS-2A4 - =PowerWeld 2600+SPS-2A4	26.07.2019	erhan.coskun
=PowerWeld 2600+SPS/9	55	PLC diagram	PLC diagram : =PowerWeld 2600+SPS-2A5 - =PowerWeld 2600+SPS-2A5	26.07.2019	erhan.coskun
=PowerWeld 2600+SPS/10	56	PLC diagram	PLC diagram : =PowerWeld 2600+SPS-2A8 - =PowerWeld 2600+SPS-2A8	26.07.2019	erhan.coskun
=PowerWeld 2600+SPS/11	57	PLC diagram	PLC diagram : =PowerWeld 2600+SPS-2A10 - =PowerWeld 2600+SPS-2A10	26.07.2019	erhan.coskun
=PowerWeld 2600+SPS/12	58	PLC diagram	PLC diagram : =PowerWeld 2600+SPS-2A11 - =PowerWeld 2600+SPS-2A11	26.07.2019	erhan.coskun
=PowerWeld 2600+CPX/1	59	Schematic multi-line	CPX	26.07.2019	erhan.coskun
=PowerWeld 2600+CPX/2	60	Schematic multi-line	CPX	26.07.2019	erhan.coskun
=PowerWeld 2600+CPX/3	61	Schematic multi-line	CPX	26.07.2019	erhan.coskun
=PowerWeld 2600+CPX/4	62	Schematic multi-line	CPX	26.07.2019	erhan.coskun
=PowerWeld 2600+CPX/5	63	PLC diagram	PLC diagram : =PowerWeld 2600+CPX-2A1 - =PowerWeld 2600+CPX-2A1	26.07.2019	erhan.coskun
=PowerWeld 2600+CPX/6	64	PLC diagram	PLC diagram : =PowerWeld 2600+CPX-2A2 - =PowerWeld 2600+CPX-2A2	26.07.2019	erhan.coskun
=PowerWeld 2600+CPX/7	65	PLC diagram	PLC diagram : =PowerWeld 2600+CPX-2A3 - =PowerWeld 2600+CPX-2A3	26.07.2019	erhan.coskun
=PowerWeld 2600+CPX/8	66	PLC diagram	PLC diagram : =PowerWeld 2600+CPX-2A4 - =PowerWeld 2600+CPX-2A4	26.07.2019	erhan.coskun
=PowerWeld 2600+P/P1	67	Fluid power schematic	CPX1	26.07.2019	erhan.coskun
=PowerWeld 2600+P/P2	68	Fluid power schematic	CPX 1	26.07.2019	erhan.coskun
=PowerWeld 2600+P/P3	69	Fluid power schematic	CPX 1	26.07.2019	erhan.coskun
=PowerWeld 2600+P/P4	70	Fluid power schematic	CPX 1	26.07.2019	erhan.coskun
=PowerWeld 2600+UE/PB1	71	Schematic single-line	Profibus	26.07.2019	erhan.coskun
=STK/1	72	Parts list	Parts list	26.07.2019	erhan.coskun
=STK/2	73	Parts list	Parts list	26.07.2019	erhan.coskun
=STK/3	74	Parts list	Parts list	26.07.2019	erhan.coskun
=STK/4	75	Parts list	Parts list	26.07.2019	erhan.coskun
=STK/5	76	Parts list	Parts list	26.07.2019	erhan.coskun
=STK/6	77	Parts list	Parts list	26.07.2019	erhan.coskun
=STK/7	78	Parts list	Parts list	26.07.2019	erhan.coskun

Alfred-Nobel-Str. 55-57 90765 Fürth Www.lpkf-laserwelding.com SER.-NR. LQ250QS-1919-0152 26.07.2019 Table of contents Tandem Diabetes erhan.coskun Drawing number 19\_V1919-0152\_en tested page 2 page 7 from 119 PowerWeld 2600 Modification Printing date 26.07.2019

# directory

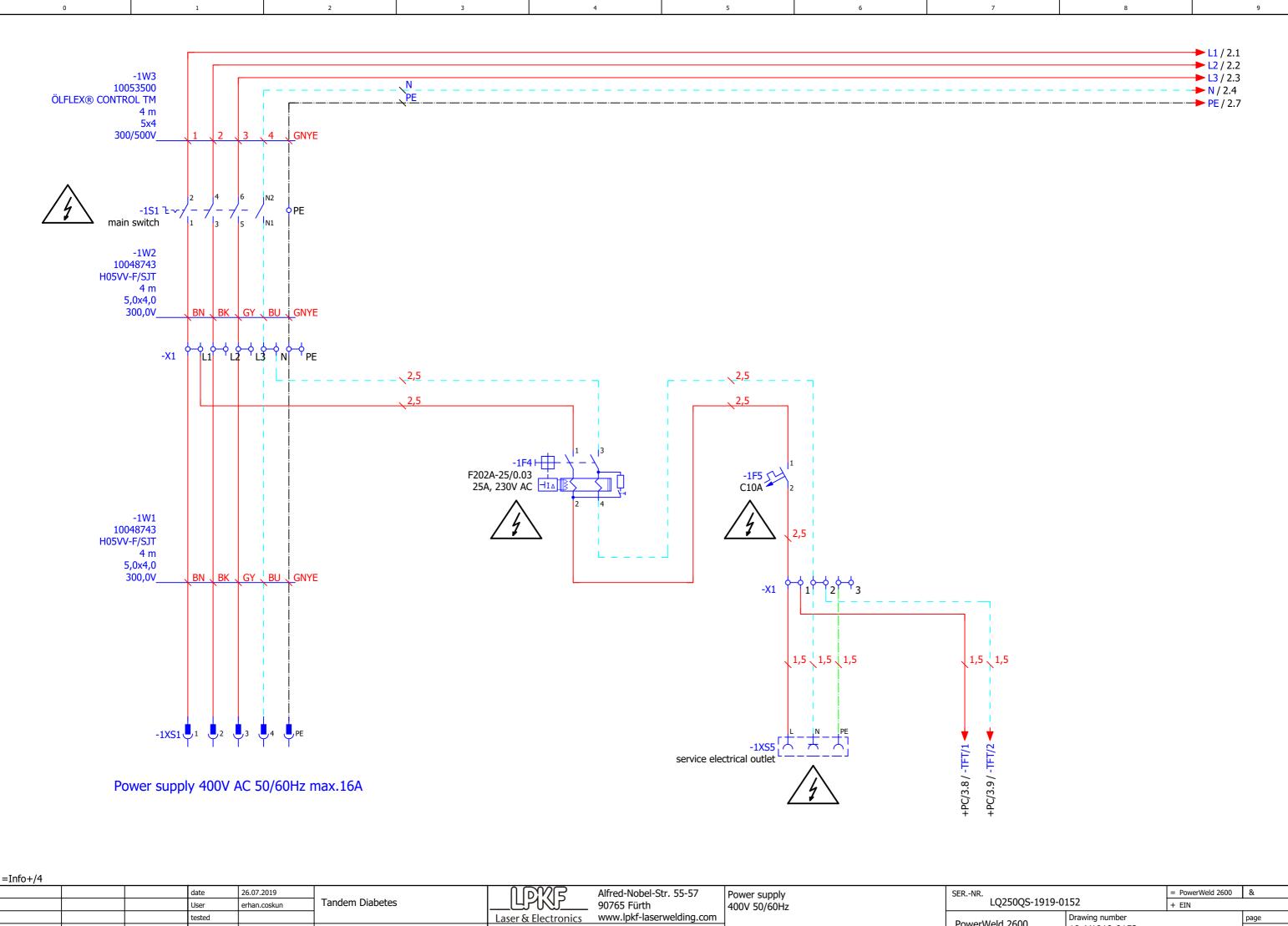
page	total page number	Page type	Page description	date	User
=STK/8	79	Parts list	Parts list	26.07.2019	erhan.coskun
=STK/9	80	Parts list	Parts list	26.07.2019	erhan.coskun
=STK/10	81	Parts list	Parts list	26.07.2019	erhan.coskun
=STK/11	82	Parts list	Parts list	26.07.2019	erhan.coskun
=STK/12	83	Parts list	Parts list	26.07.2019	erhan.coskun
=STK/13	84	Parts list	Parts list	26.07.2019	erhan.coskun
=STK/14	85	Parts list	Parts list	26.07.2019	erhan.coskun
=STK/15	86	Parts list	Parts list	26.07.2019	erhan.coskun
=STK/16	87	Parts list	Parts list	26.07.2019	erhan.coskun
=STK/17	88	Parts list	Parts list	26.07.2019	erhan.coskun
=STK/18	89	Parts list	Parts list	26.07.2019	erhan.coskun
=STK/19	90	Parts list	Parts list	26.07.2019	erhan.coskun
=KL/1	91	terminalblock diagram	terminalblock diagram =PowerWeld 2600+EIN-X1	26.07.2019	erhan.coskun
=KL/2	92	terminalblock diagram	terminalblock diagram =PowerWeld 2600+EIN-X2	26.07.2019	erhan.coskun
=KL/3	93	terminalblock diagram	terminalblock diagram =PowerWeld 2600+VDC-X3	26.07.2019	erhan.coskun
=KL/4	94	terminalblock diagram	terminalblock diagram =PowerWeld 2600+VDC-X4	26.07.2019	erhan.coskun
=KL/5	95	terminalblock diagram	terminalblock diagram =PowerWeld 2600+VDC-X5	26.07.2019	erhan.coskun
=KL/6	96	terminalblock diagram	terminalblock diagram =PowerWeld 2600+VDC-X9/1	26.07.2019	erhan.coskun
=KL/7	97	terminalblock diagram	terminalblock diagram =PowerWeld 2600+VDC-X9/2	26.07.2019	erhan.coskun
=KL/8	98	terminalblock diagram	terminalblock diagram =PowerWeld 2600+VDC-X100	26.07.2019	erhan.coskun
=KL/9	99	terminalblock diagram	terminalblock diagram =PowerWeld 2600+BEL-X26	26.07.2019	erhan.coskun
=KL/10	100	terminalblock diagram	terminalblock diagram =PowerWeld 2600+KLI-X2	26.07.2019	erhan.coskun
=KL/11	101	terminalblock diagram	terminalblock diagram =PowerWeld 2600+LAS-KL1-X10	26.07.2019	erhan.coskun
=KL/12	102	terminalblock diagram	terminalblock diagram =PowerWeld 2600+LAS-X2	26.07.2019	erhan.coskun
=KL/13	103	terminalblock diagram	terminalblock diagram =PowerWeld 2600+LAS-X6	26.07.2019	erhan.coskun
=KL/14	104	terminalblock diagram	terminalblock diagram =PowerWeld 2600+LAS-X7	26.07.2019	erhan.coskun
=KL/15	105	terminalblock diagram	terminalblock diagram =PowerWeld 2600+SCN-X11	26.07.2019	erhan.coskun
=KL/16	106	terminalblock diagram	terminalblock diagram =PowerWeld 2600+WEG-X12	26.07.2019	erhan.coskun
=KL/17	107	terminalblock diagram	terminalblock diagram =PowerWeld 2600+BE-X15	26.07.2019	erhan.coskun
=KL/18	108	terminalblock diagram	terminalblock diagram =PowerWeld 2600+BE-X17	26.07.2019	erhan.coskun
=KL/19	109	terminalblock diagram	terminalblock diagram =PowerWeld 2600+BE-X20	26.07.2019	erhan.coskun
=KL/20	110	terminalblock diagram	terminalblock diagram =PowerWeld 2600+NIO-X18	26.07.2019	erhan.coskun
=KL/21	111	terminalblock diagram	terminalblock diagram =PowerWeld 2600+SEN-X18	26.07.2019	erhan.coskun
=KL/22	112	terminalblock diagram	terminalblock diagram =PowerWeld 2600+SEN-X18	26.07.2019	erhan.coskun
=KL/23	113	terminalblock diagram	terminalblock diagram =PowerWeld 2600+AKT-X16	26.07.2019	erhan.coskun
=KL/24	114	terminalblock diagram	terminalblock diagram =PowerWeld 2600+DT-X25	26.07.2019	erhan.coskun
=KL/25	115	terminalblock diagram	terminalblock diagram =PowerWeld 2600+CPX-X16	26.07.2019	erhan.coskun
=Kabel/1	116	Cable overview	Cable overview	26.07.2019	erhan.coskun
=Kabel/2	117	Cable overview	Cable overview	26.07.2019	erhan.coskun

#### directory

page	total page number	Page type	Page description	date	User
=Kabel/3	118	Cable overview	Cable overview	26.07.2019	erhan.coskun
=Kabel/4	119	Cable overview	Cable overview	26.07.2019	erhan.coskun

=PowerWeld 2600+EIN/1

			date	26.07.2019	Tandem Diabetes	D \forall \forall /  \sigma Alfred-Nobel-Str. 55-5/		Table of contents	SERNR.		= Info	&	
			User	erhan.coskun			90765 Fürth		LQ250QS-1919-0152		+		
			tested			Laser & Electronics	www.lpkf-laserwelding.com		DowerWold 2600	Drawing number	•	page	4
Modification	date	name	Printing date	26.07.2019		norm			PowerWeld 2600	19_V1919-0152_en		page	9 from 119



tested

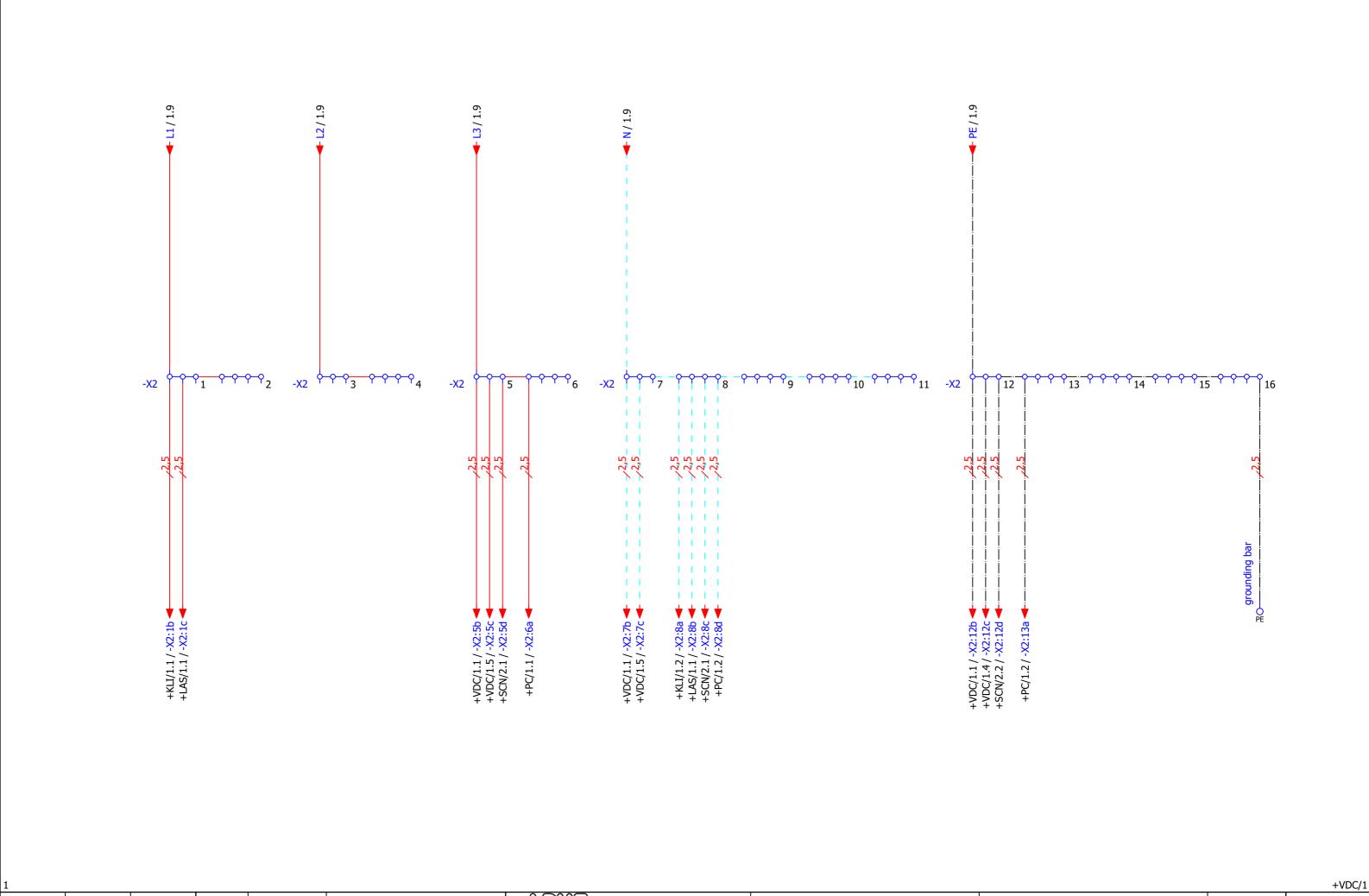
Printing date 26.07.2019

Modification

page 10 from 119

PowerWeld 2600

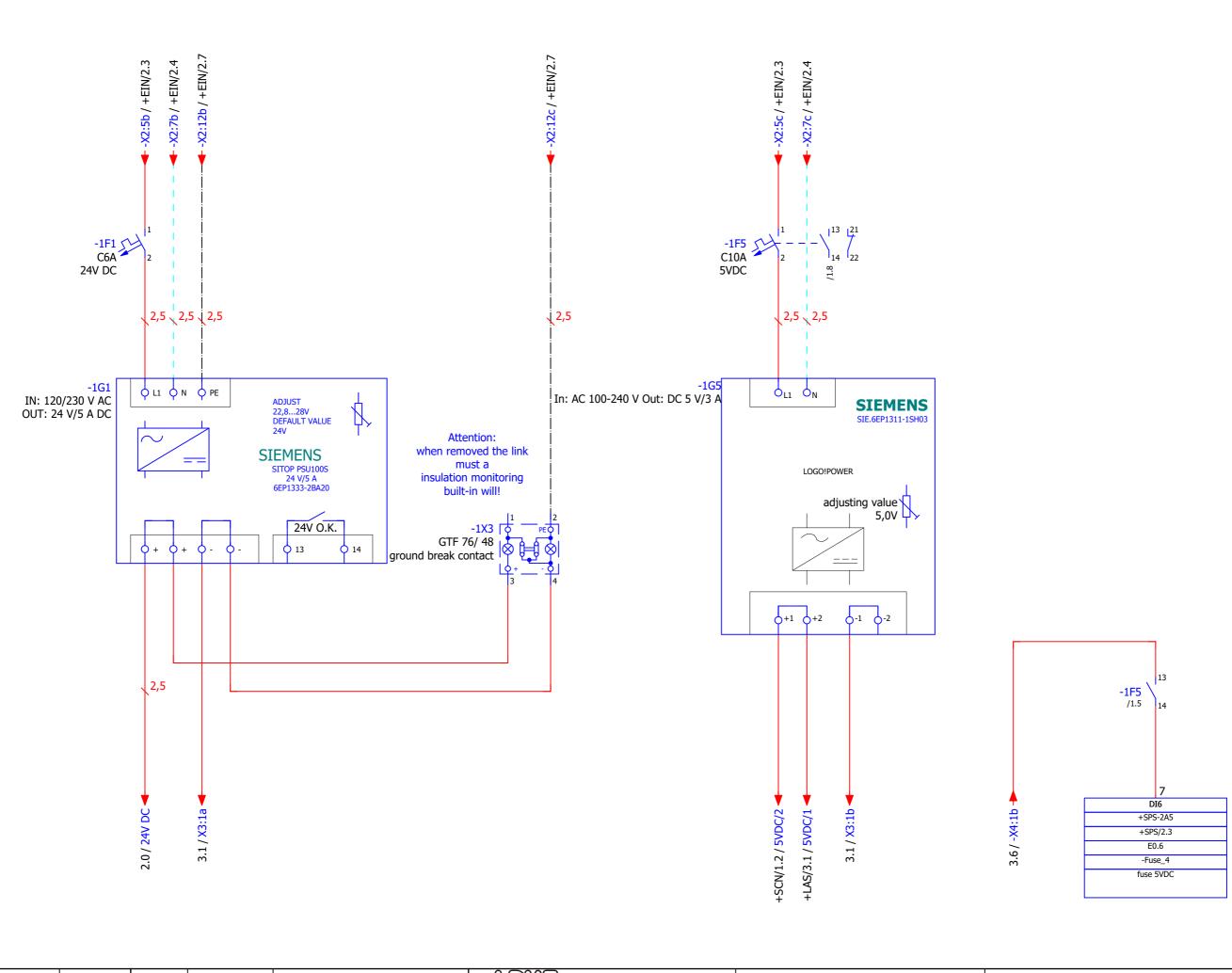
19\_V1919-0152\_en



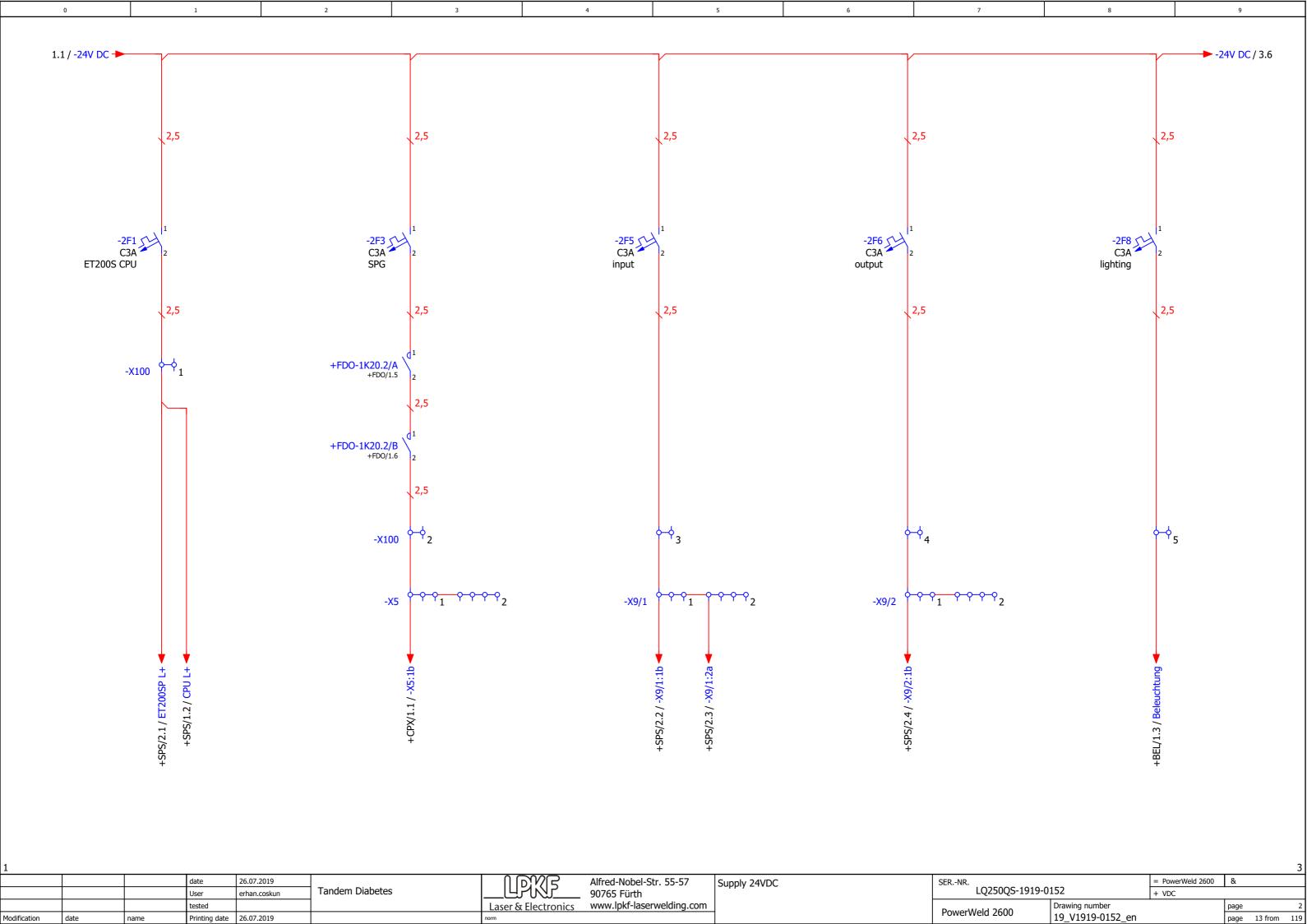
page 11 from 119

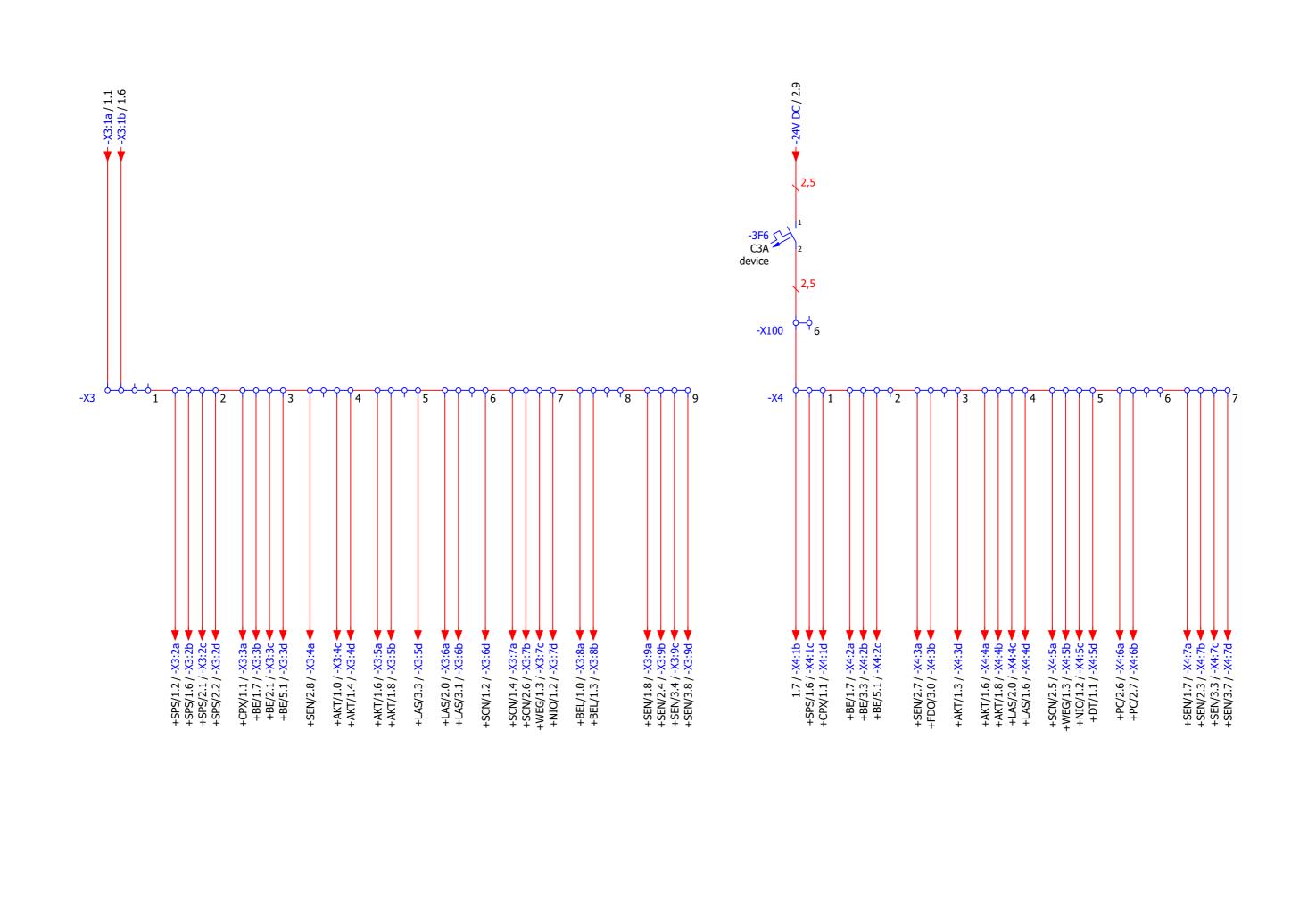
8

= PowerWeld 2600 & 26.07.2019 Alfred-Nobel-Str. 55-57 Supply 230V/400V LQ250QS-1919-0152 Tandem Diabetes + EIN User erhan.coskun 90765 Fürth www.lpkf-laserwelding.com Drawing number 19\_V1919-0152\_en tested PowerWeld 2600 Modification Printing date 26.07.2019



+EIN/2





2

26.07.2019

26.07.2019

erhan.coskun

**Tandem Diabetes** 

date

User

Modification

date

name

tested

Printing date

+BEL/1

Alfred-Nobel-Str. 55-57 90765 Fürth www.lpkf-laserwelding.com

Laser & Electronics

Supply 24VDC

PowerWeld 2600

SER.-NR.

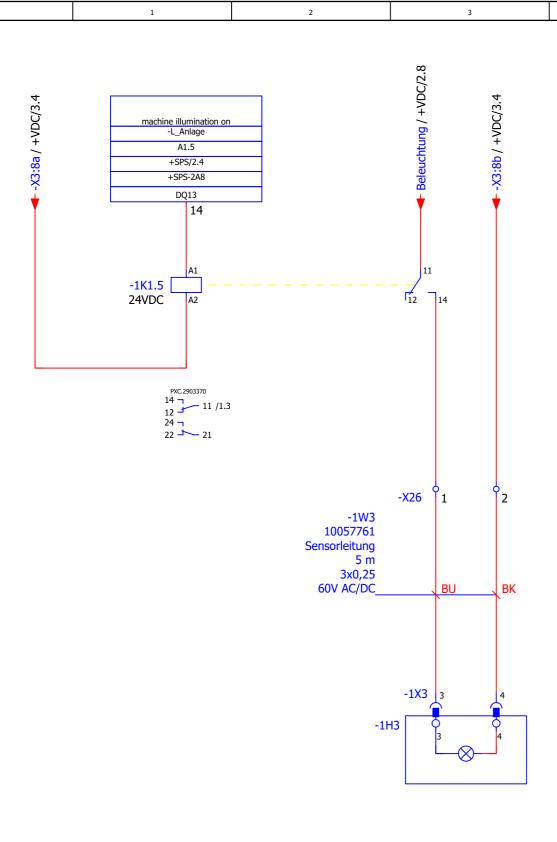
7

8

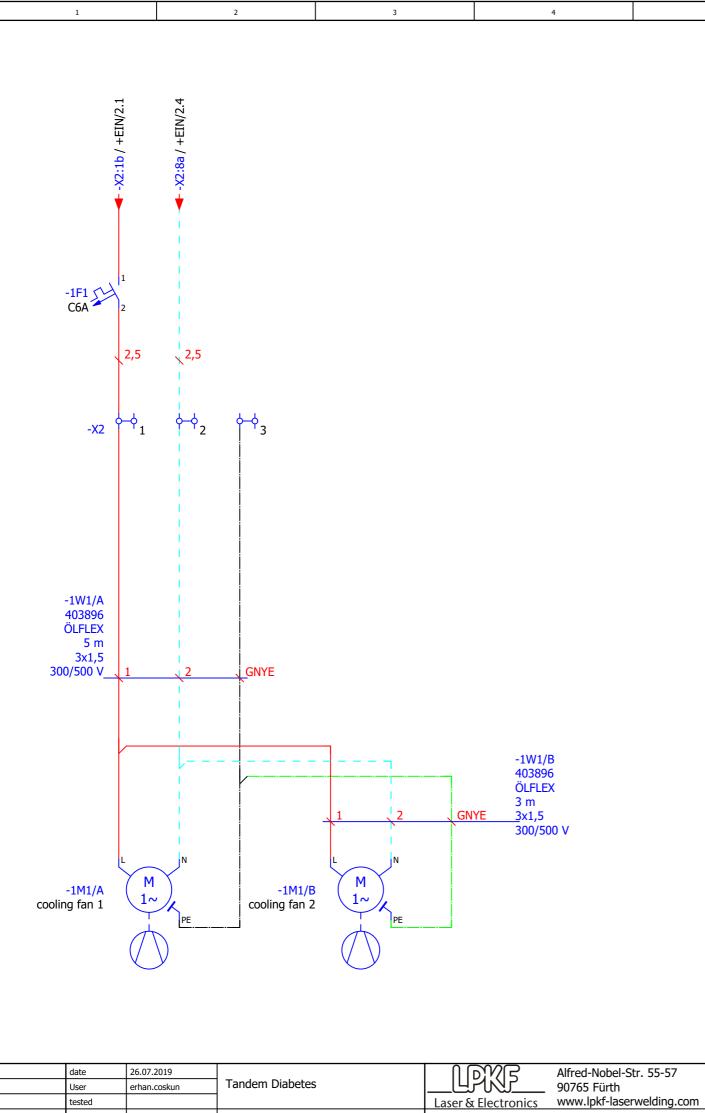
LQ250QS-1919-0152 + VDC Drawing number 19\_V1919-0152\_en

page 14 from 119

= PowerWeld 2600



+VDC/3 +KLI/1 Alfred-Nobel-Str. 55-57 90765 Fürth www.lpkf-laserwelding.com 26.07.2019 = PowerWeld 2600 & machine illumination Tandem Diabetes LQ250QS-1919-0152 + BEL User erhan.coskun Drawing number 19\_V1919-0152\_en page 1 page 1 page 15 from 119 tested PowerWeld 2600 Modification Printing date 26.07.2019



+BEL/1

Modification

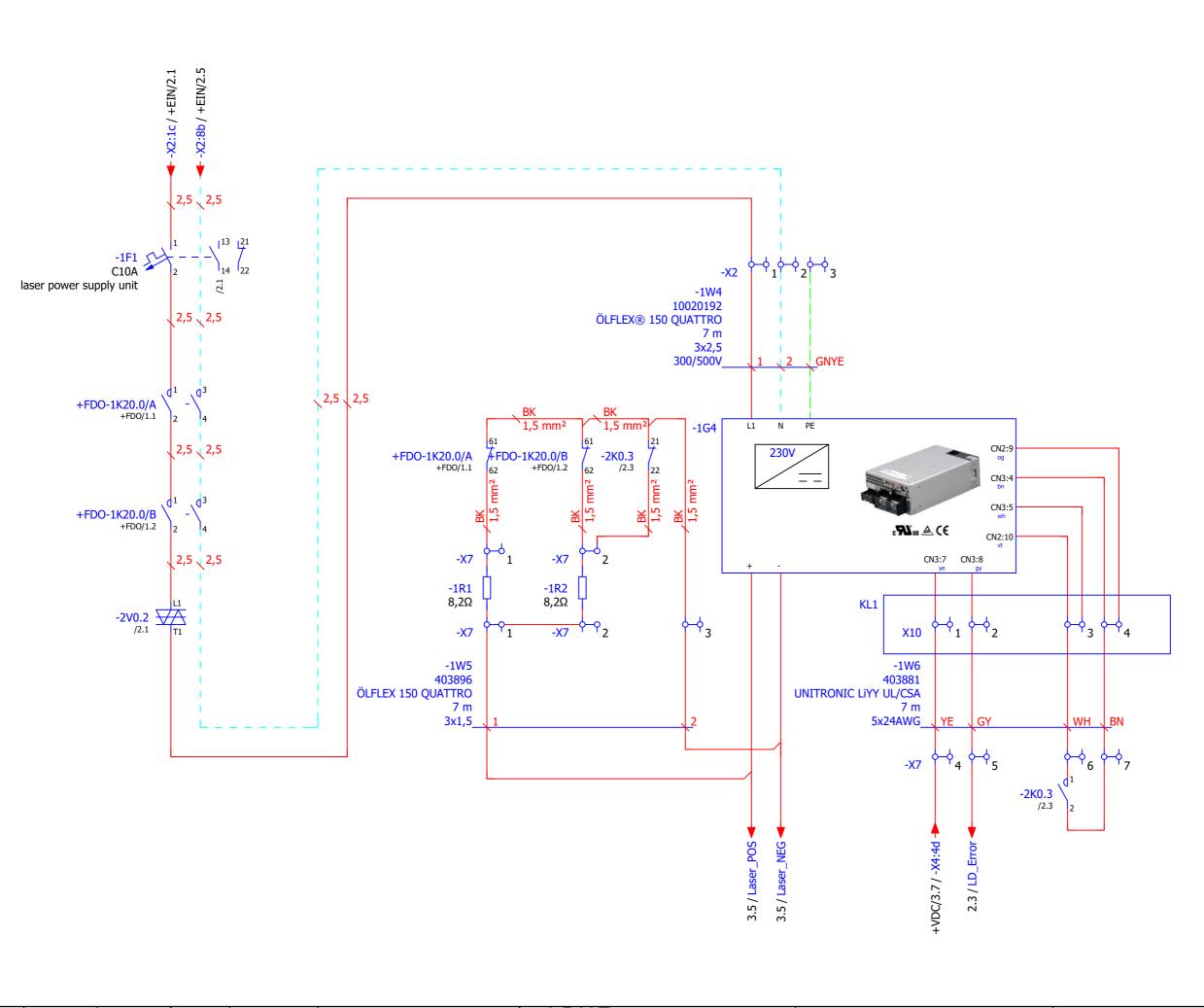
date

Printing date 26.07.2019

air conditioning

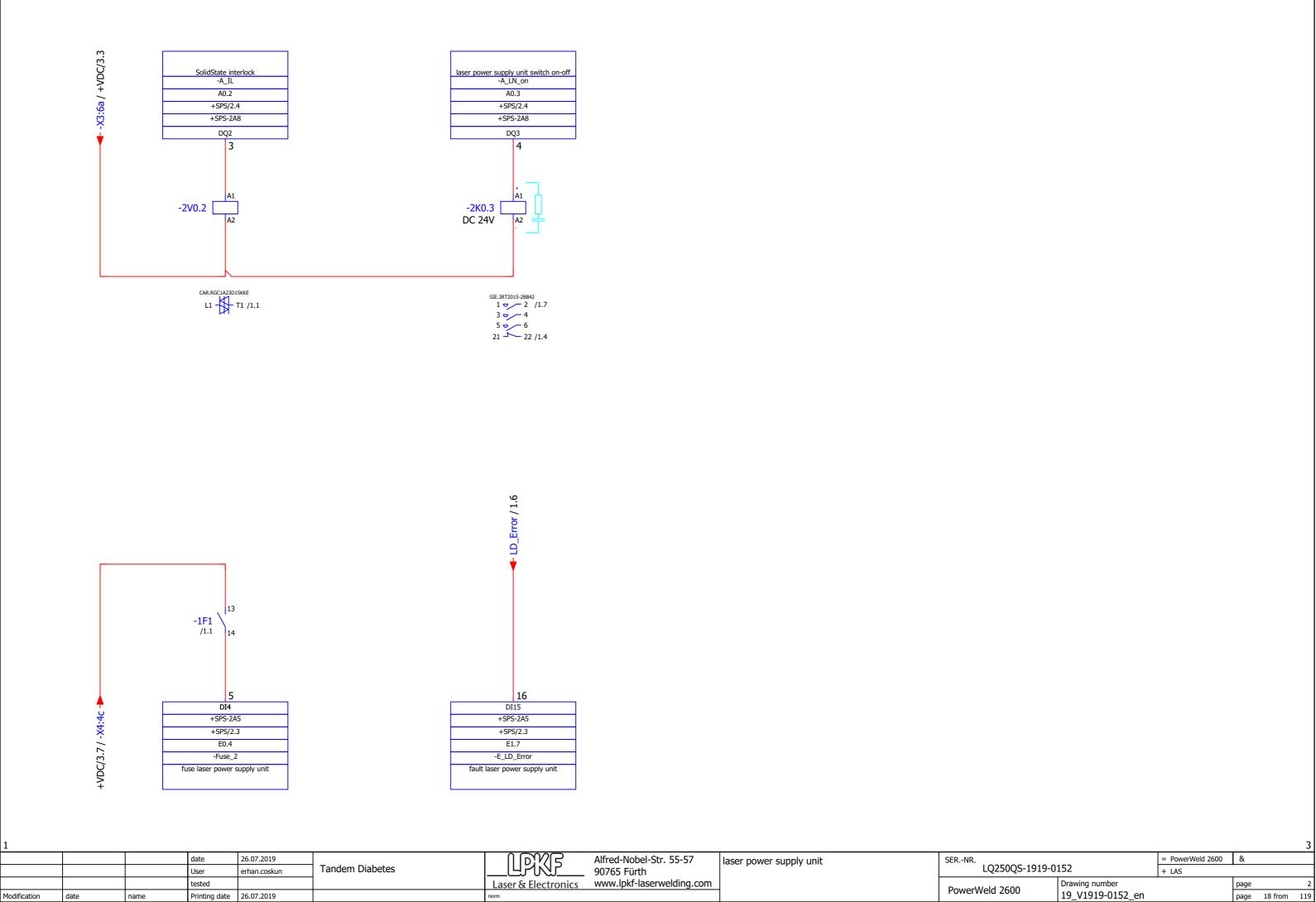
+LAS/1

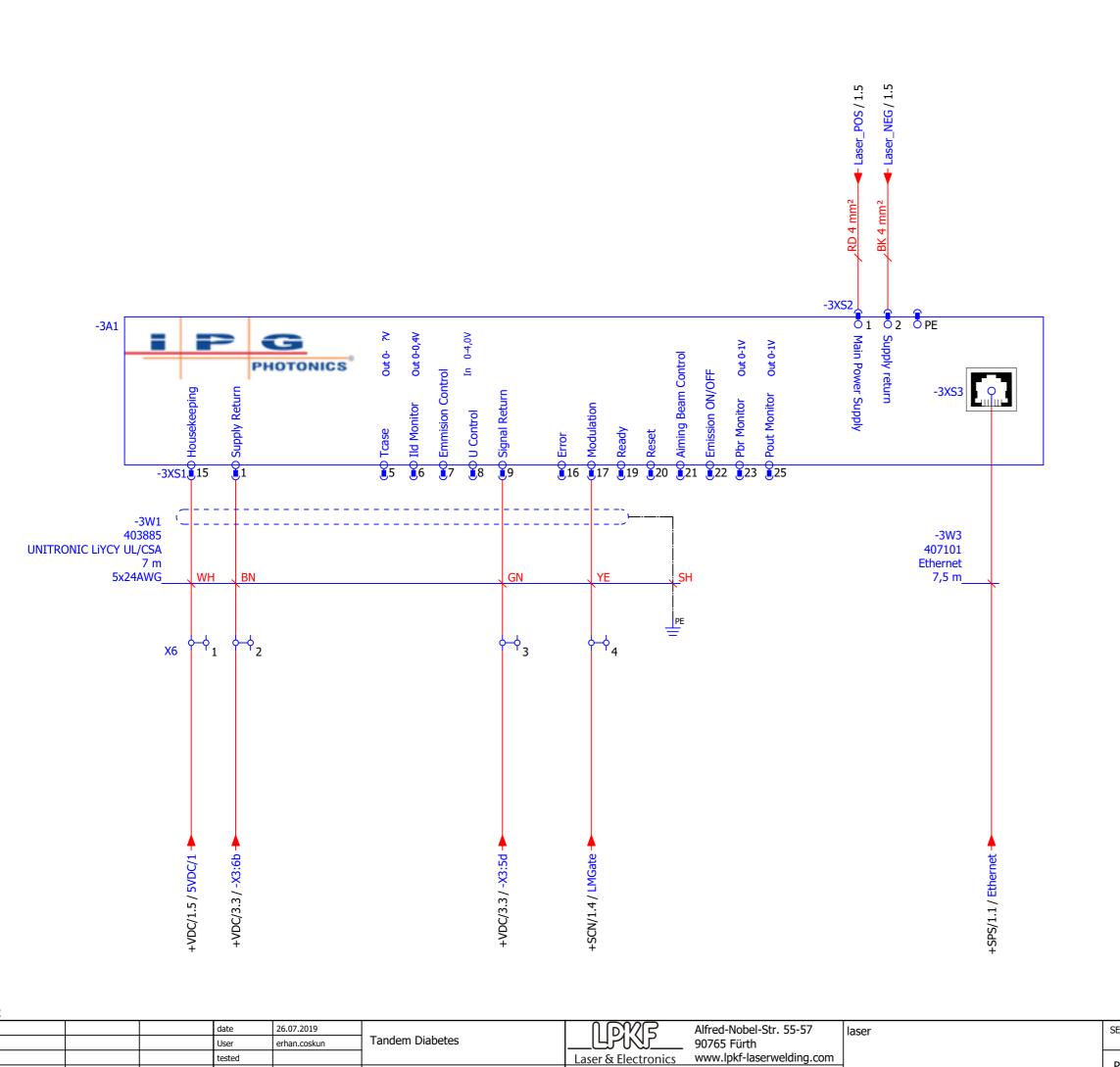
8



+KLI/1

= PowerWeld 2600 26.07.2019 Alfred-Nobel-Str. 55-57 laser power supply unit LQ250QS-1919-0152 Tandem Diabetes 90765 Fürth + LAS erhan.coskun www.lpkf-laserwelding.com Drawing number 19\_V1919-0152\_en tested PowerWeld 2600 page 17 from 119 Modification date Printing date 26.07.2019



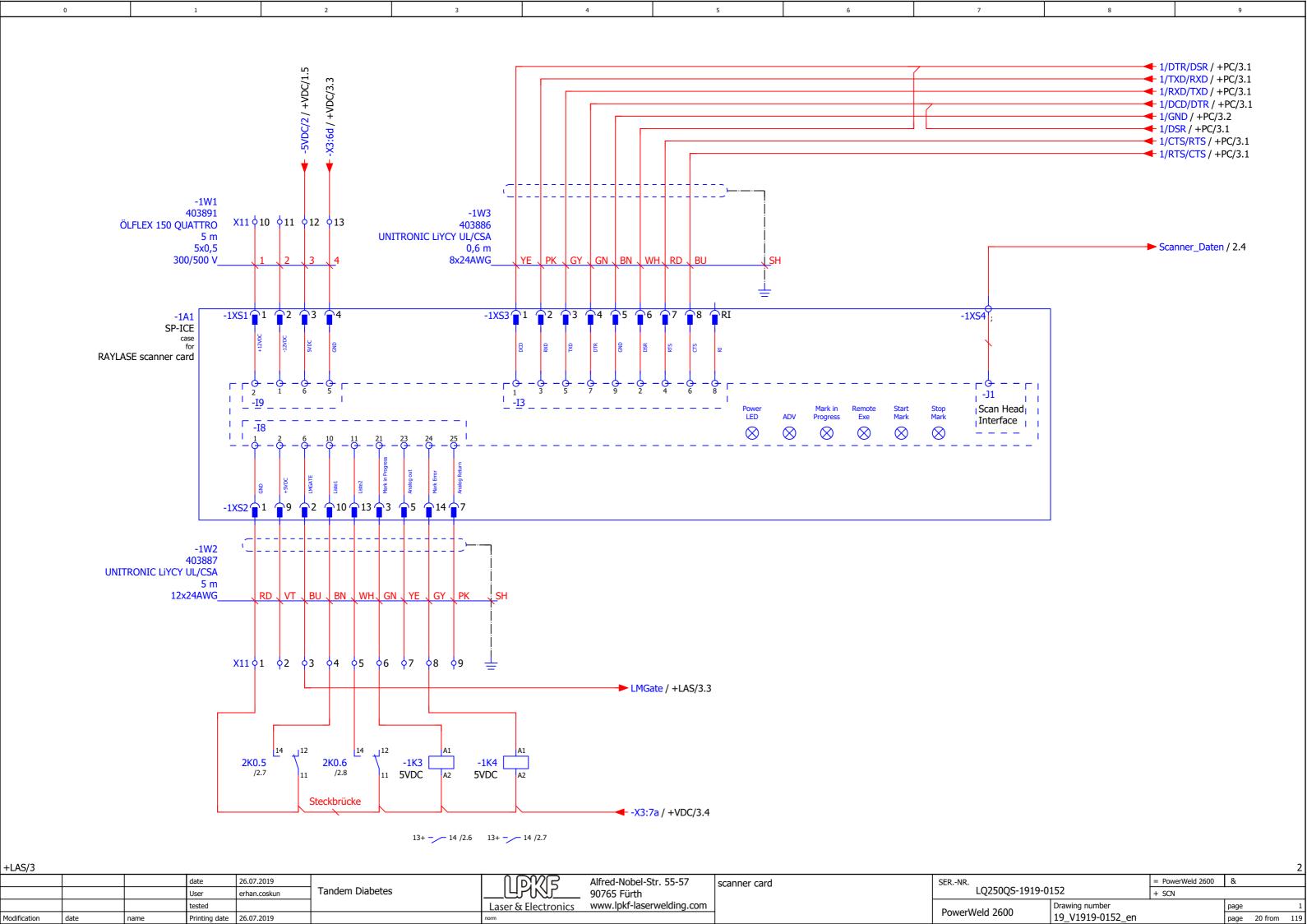


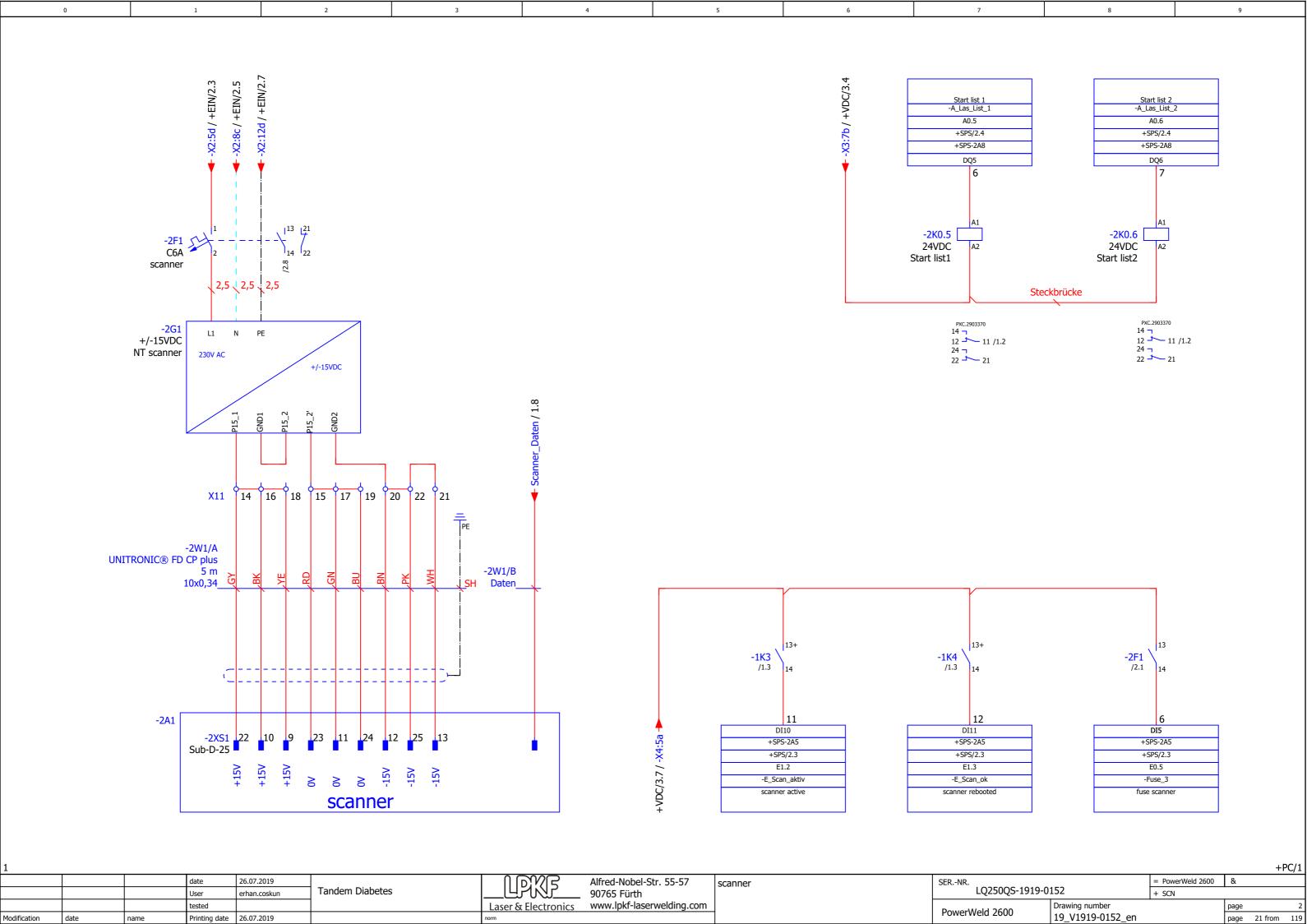
Modification

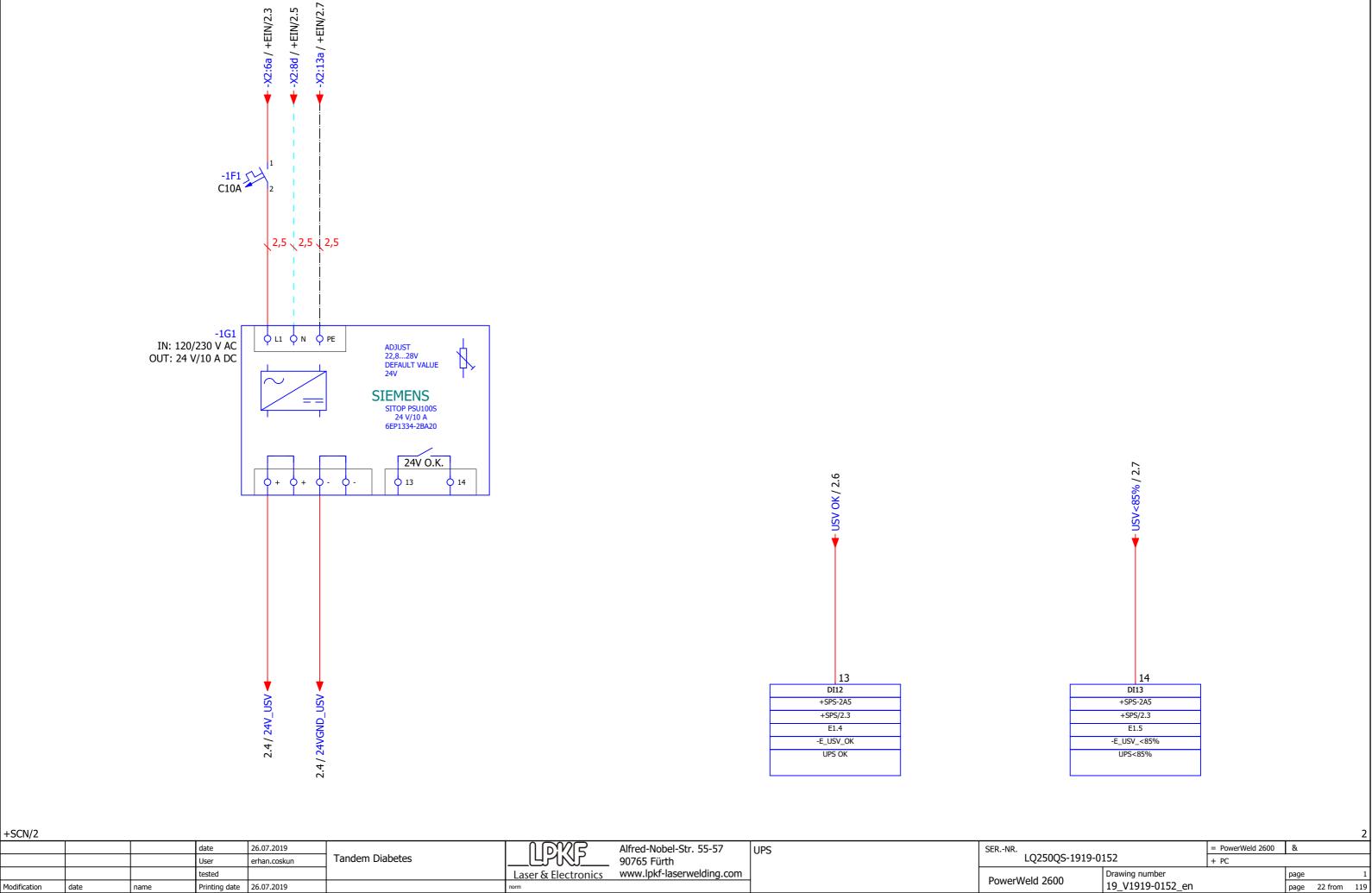
Printing date 26.07.2019

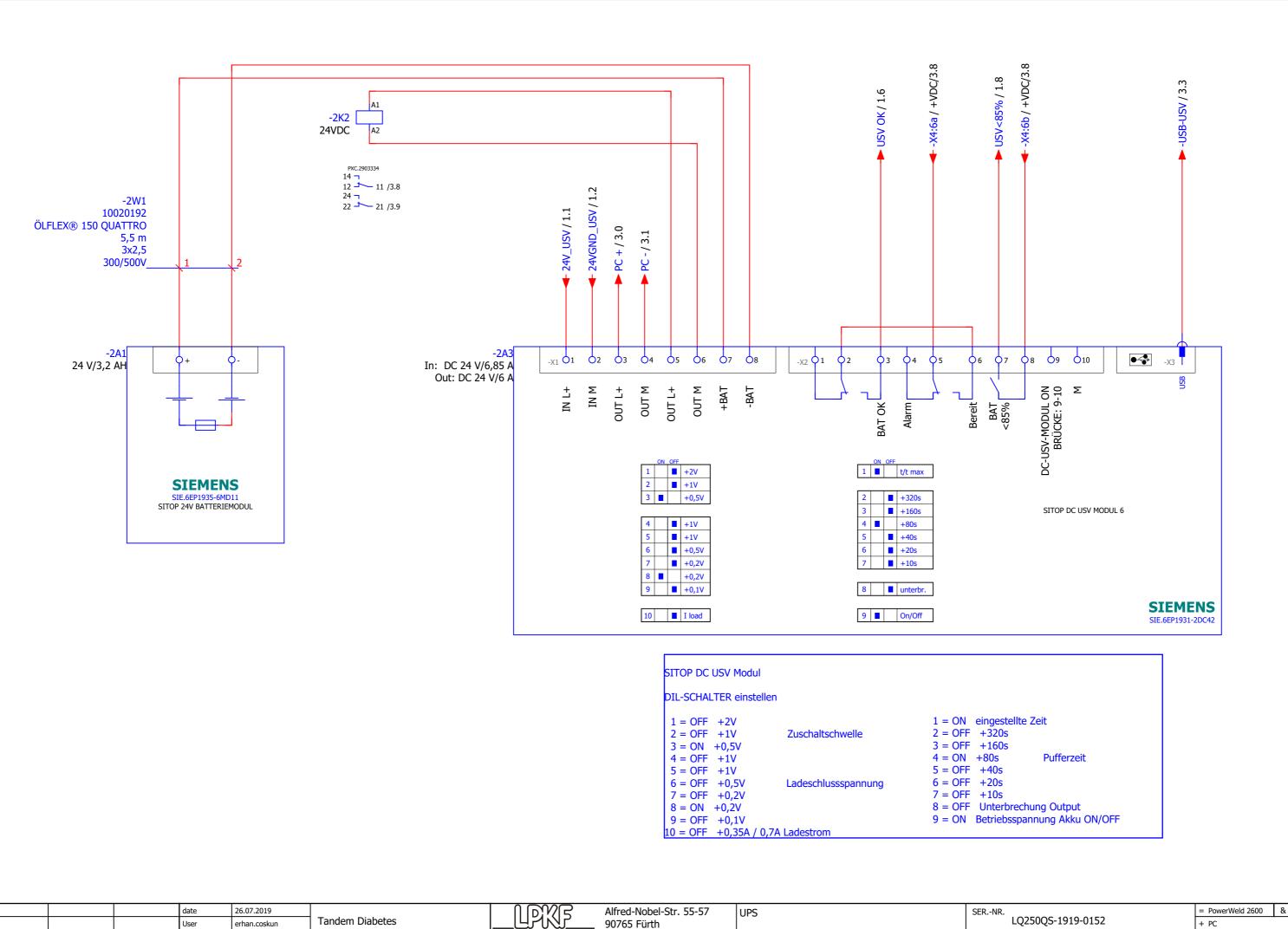
| ERR.-NR. | EQ250QS-1919-0152 | PowerWeld 2600 | Reserve | PowerWeld 2600 | PowerWeld 2600

+SCN/1









Laser & Electronics www.lpkf-laserwelding.com

6

7

8

9

0

2

tested

Printing date 26.07.2019

Modification

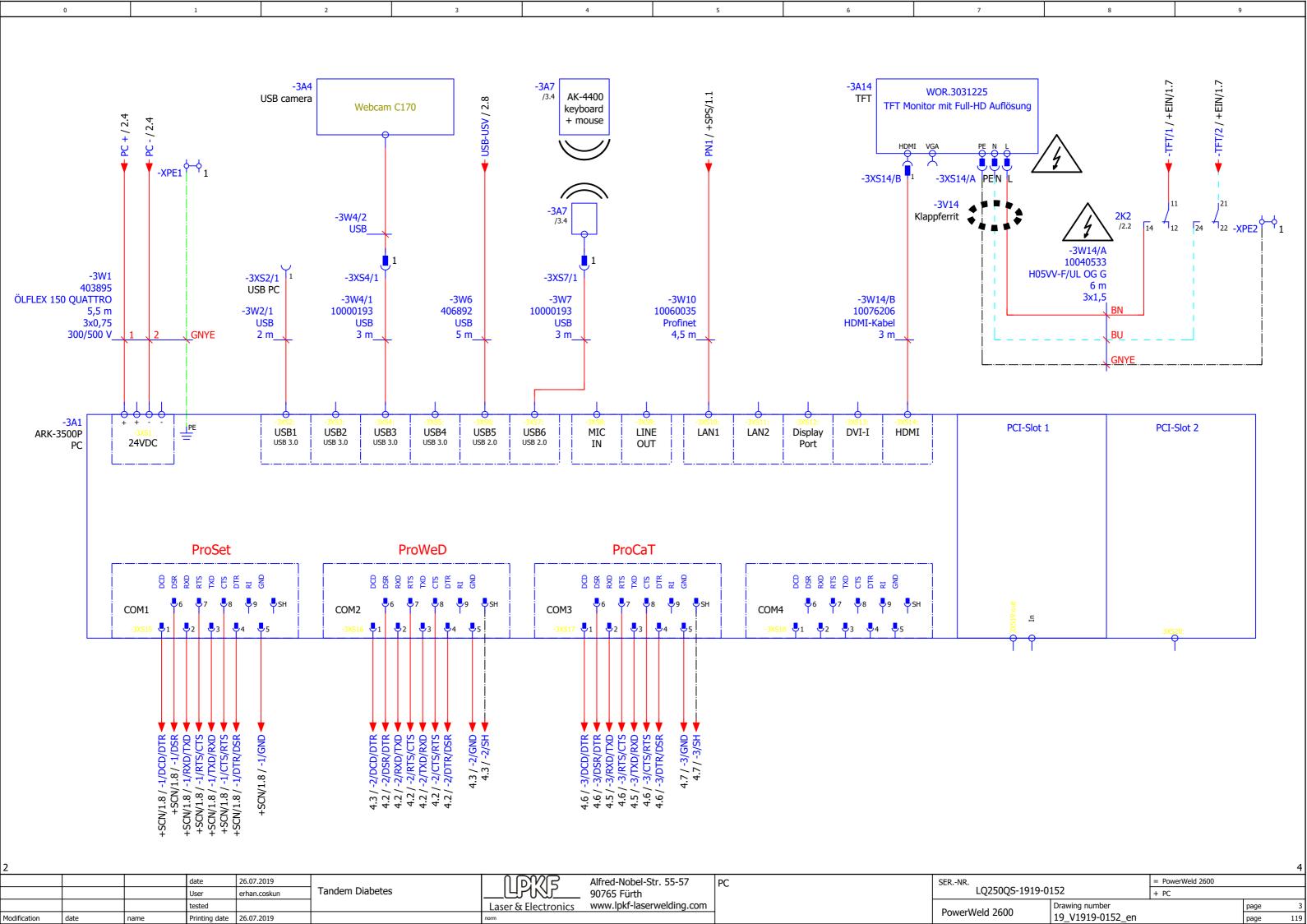
date

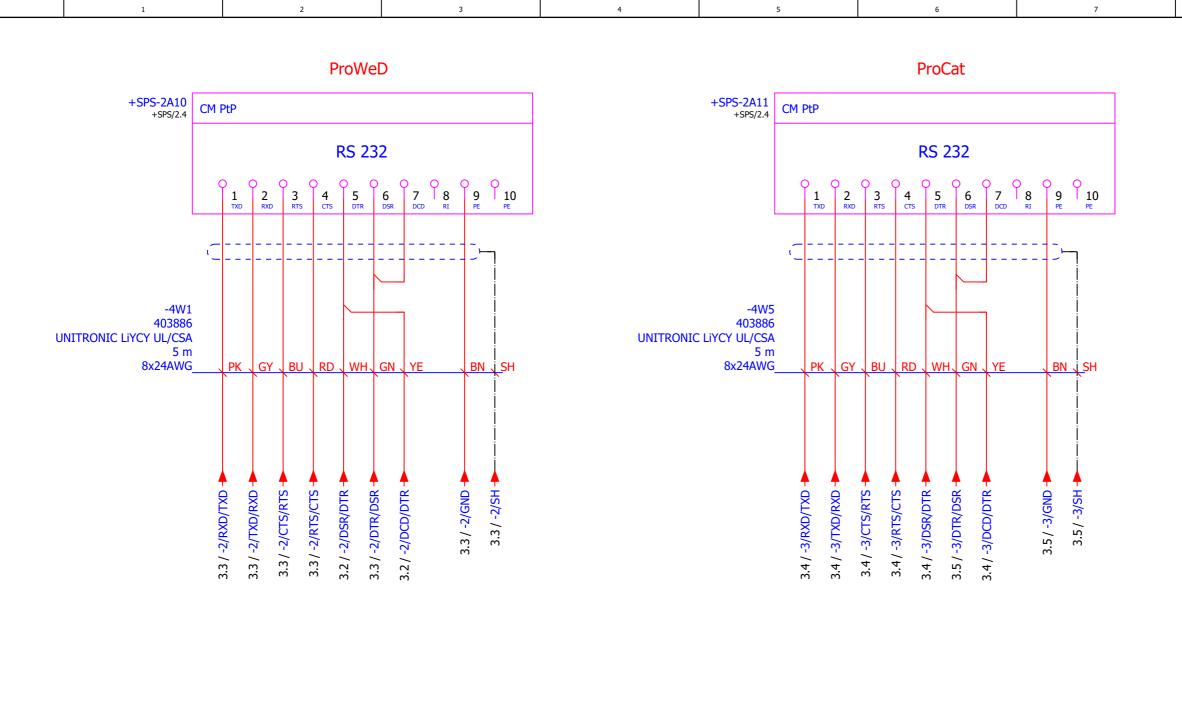
name

Drawing number

19\_V1919-0152\_en

PowerWeld 2600

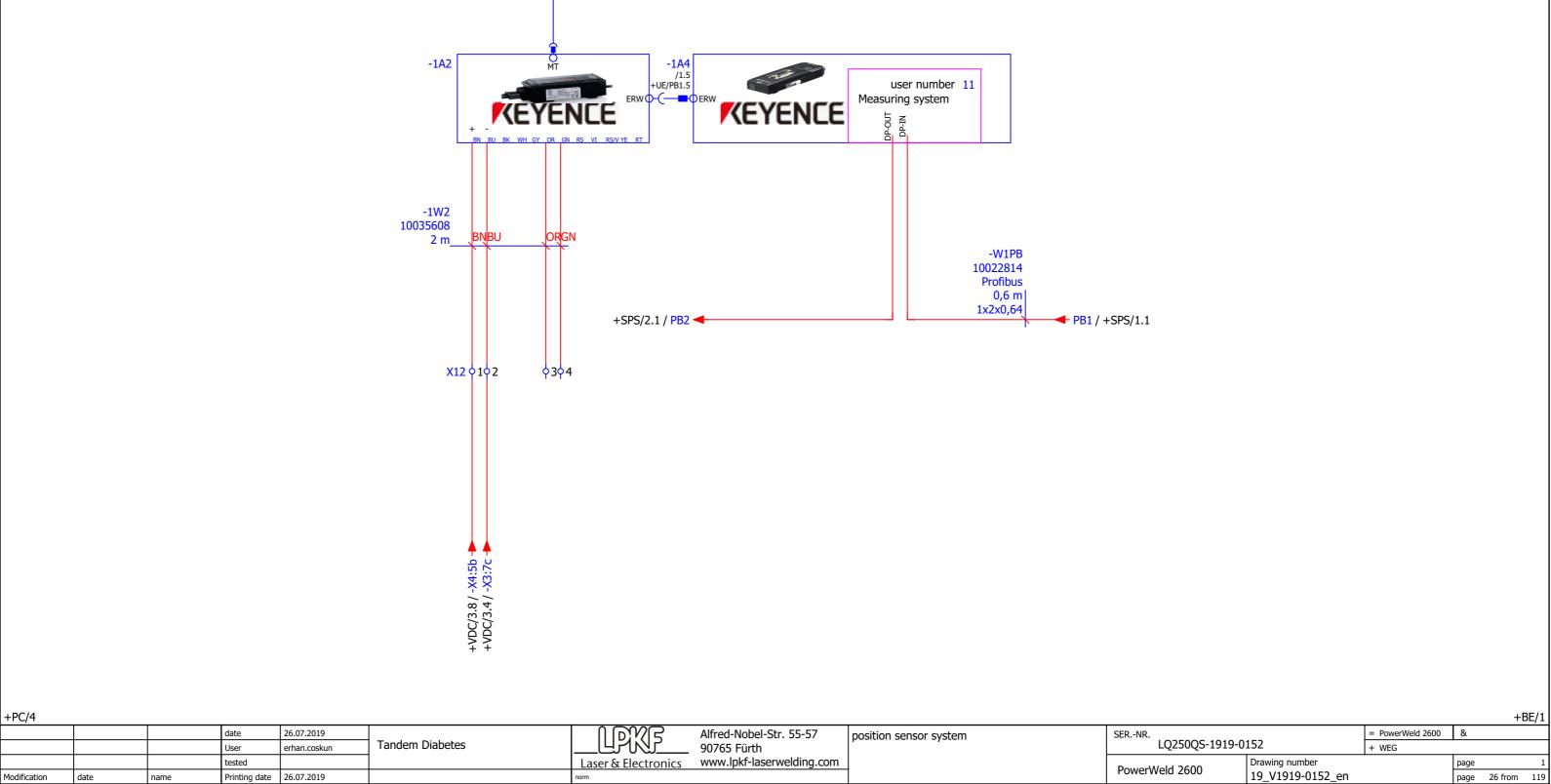




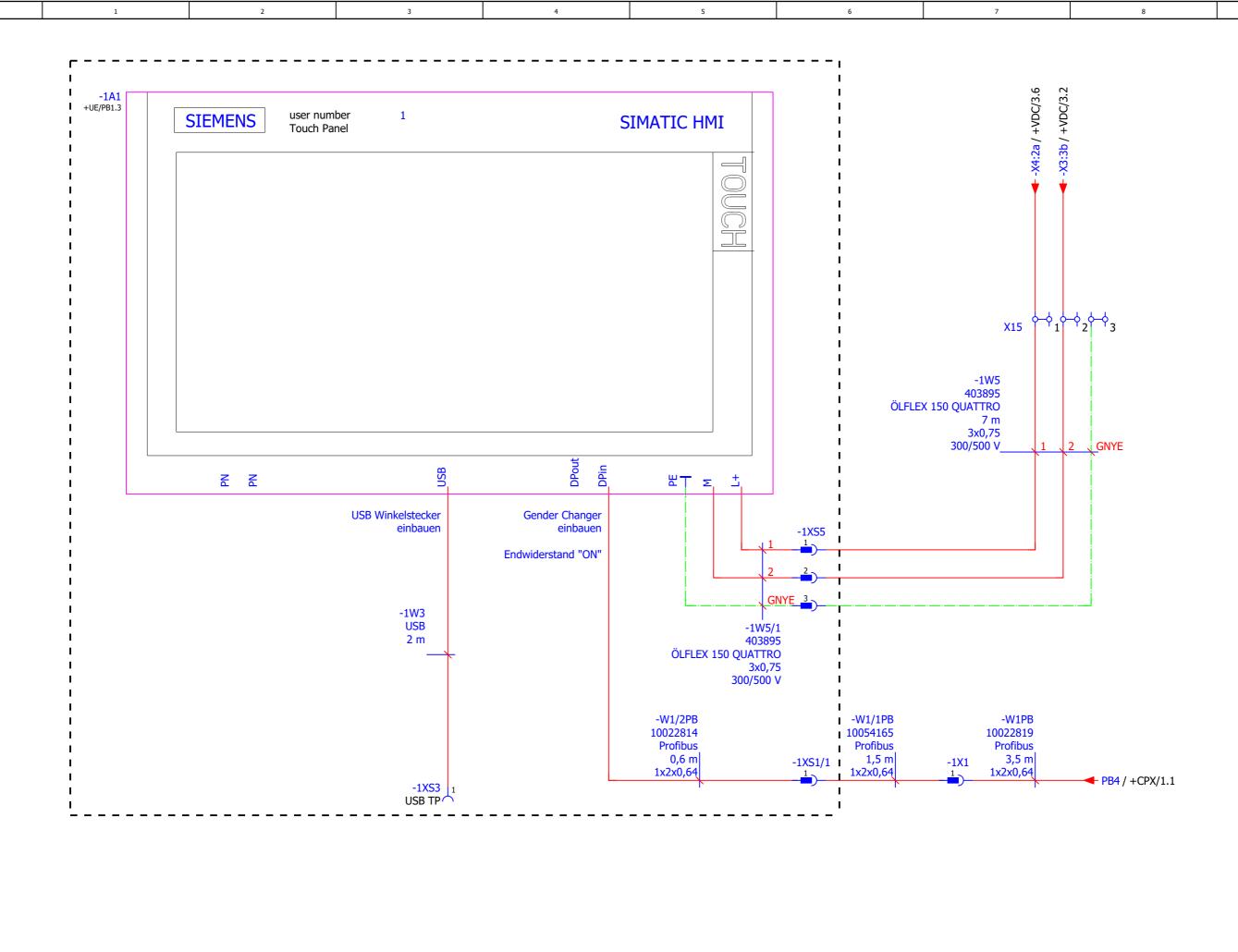
9

0

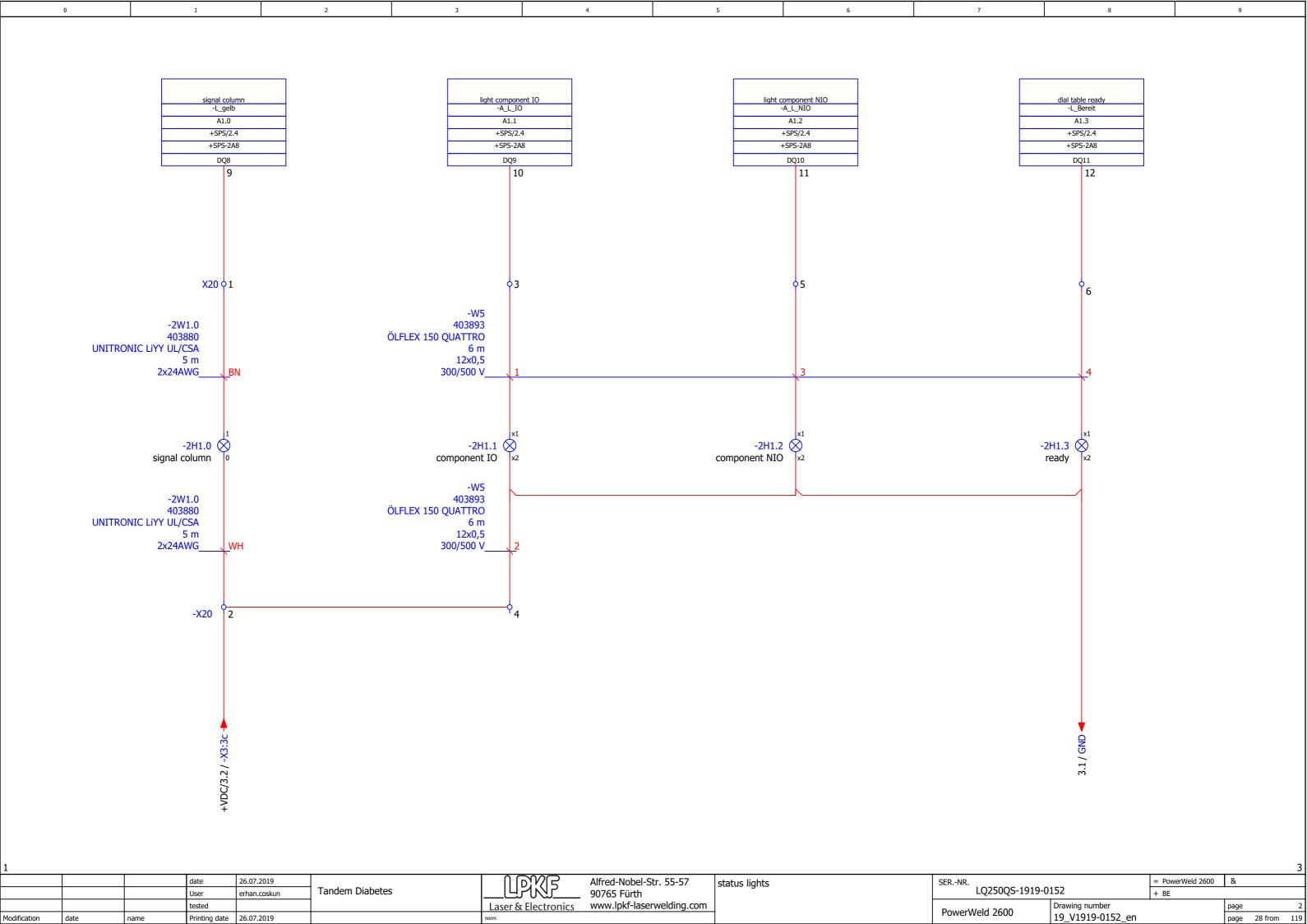
+WEG/1 = PowerWeld 2600 & 26.07.2019 Alfred-Nobel-Str. 55-57 RS 232 LQ250QS-1919-0152 **Tandem Diabetes** 90765 Fürth www.lpkf-laserwelding.com + PC User erhan.coskun Laser & Electronics tested Drawing number PowerWeld 2600 19\_V1919-0152\_en page 25 from 119 Modification date Printing date 26.07.2019

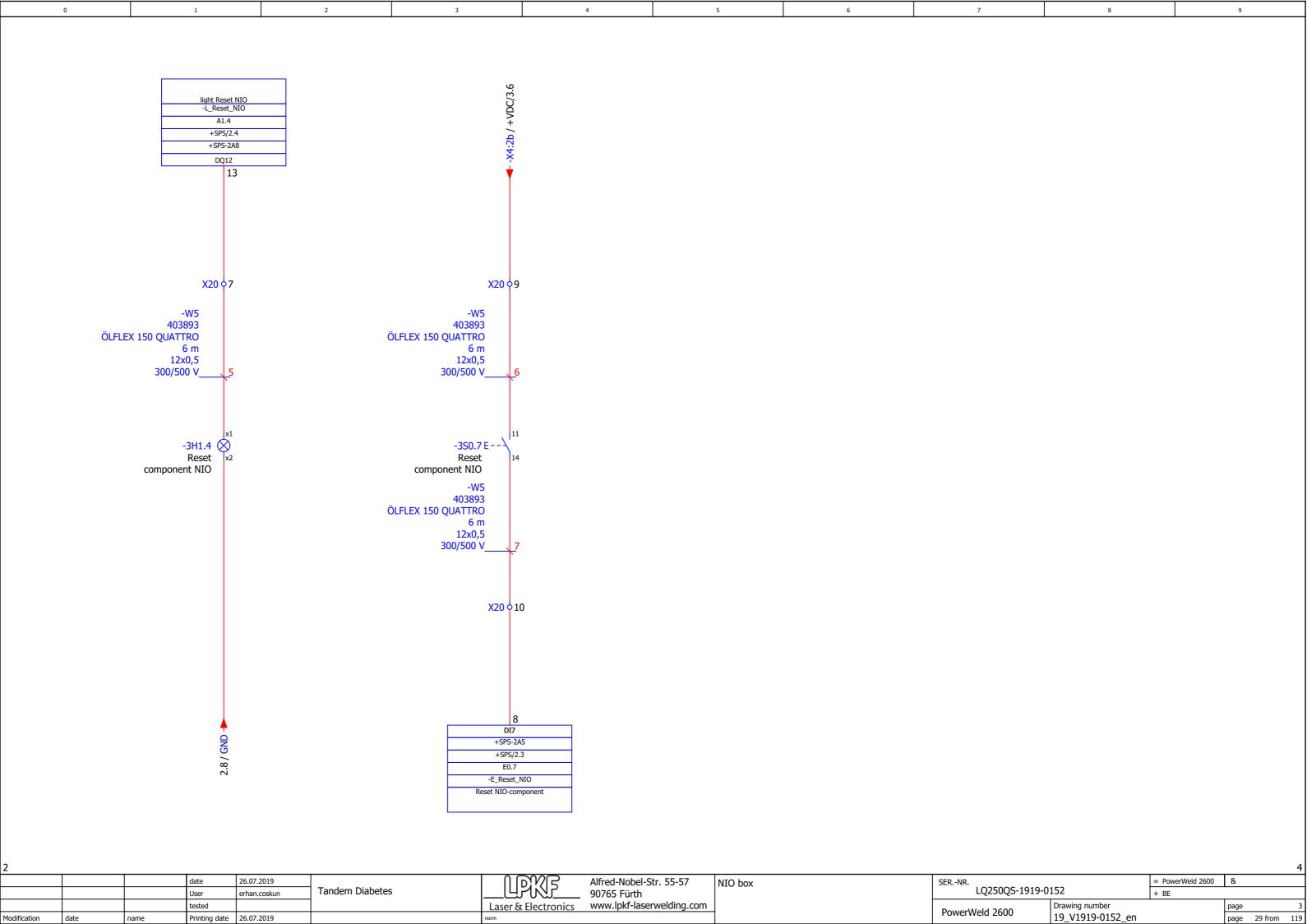


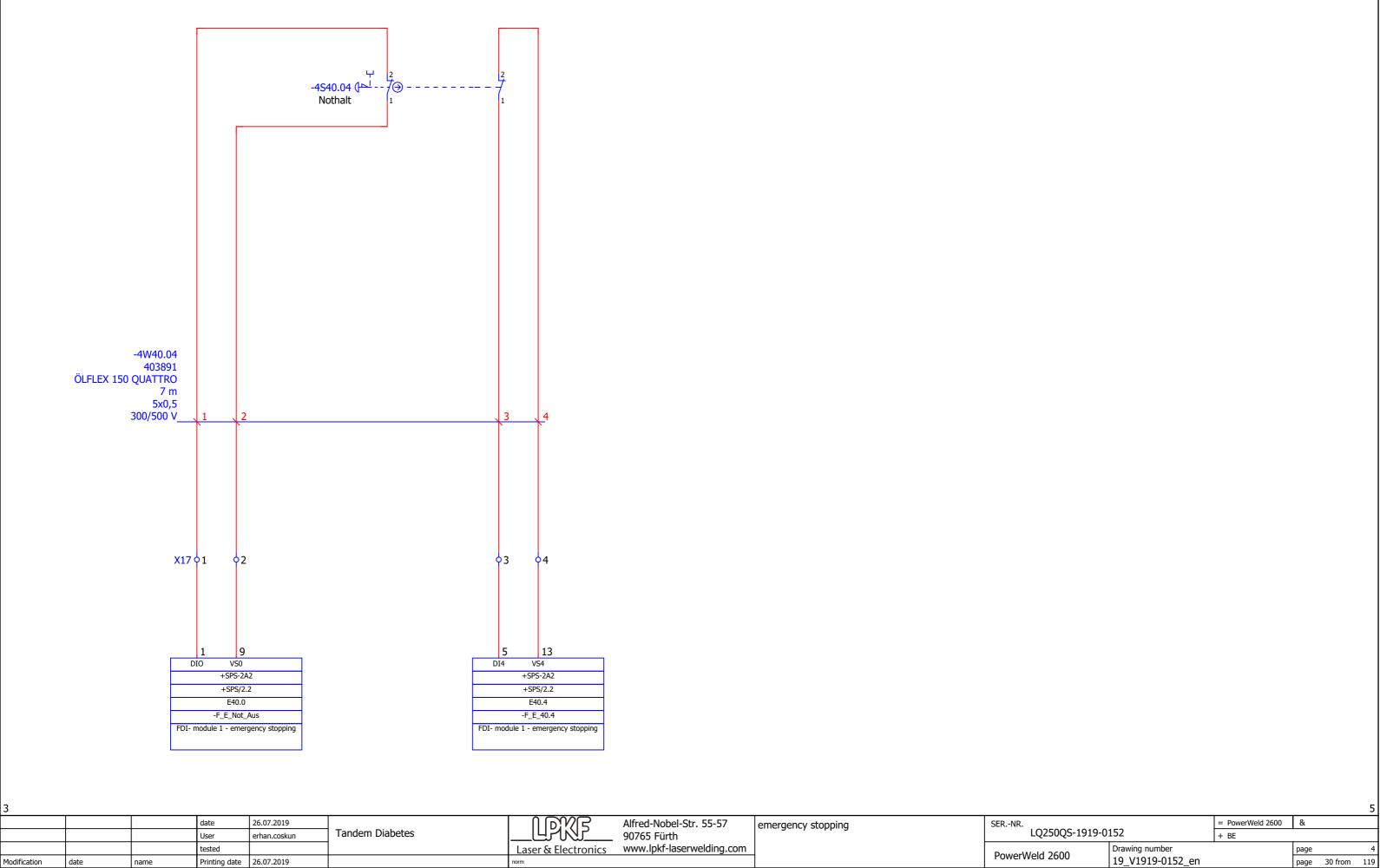
-1W3 10035475 5 m

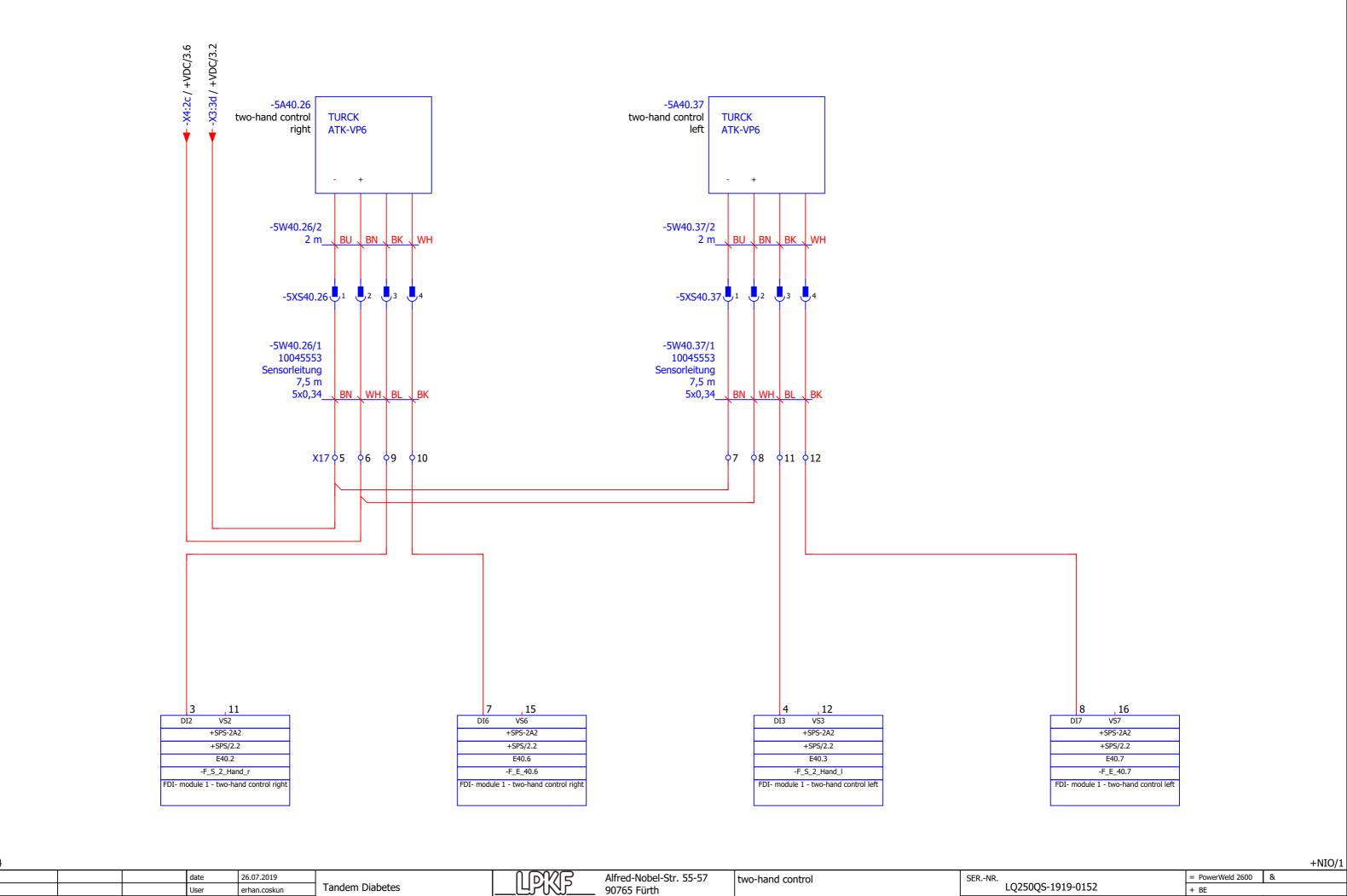


+WEG/1 26.07.2019 Alfred-Nobel-Str. 55-57 = PowerWeld 2600 & TP LQ250QS-1919-0152 **Tandem Diabetes** 20765 Fürth www.lpkf-laserwelding.com + BE User erhan.coskun Drawing number tested PowerWeld 2600 19\_V1919-0152\_en page 27 from 119 Modification Printing date 26.07.2019









Laser & Electronics www.lpkf-laserwelding.com

tested

Printing date 26.07.2019

Modification

date

name

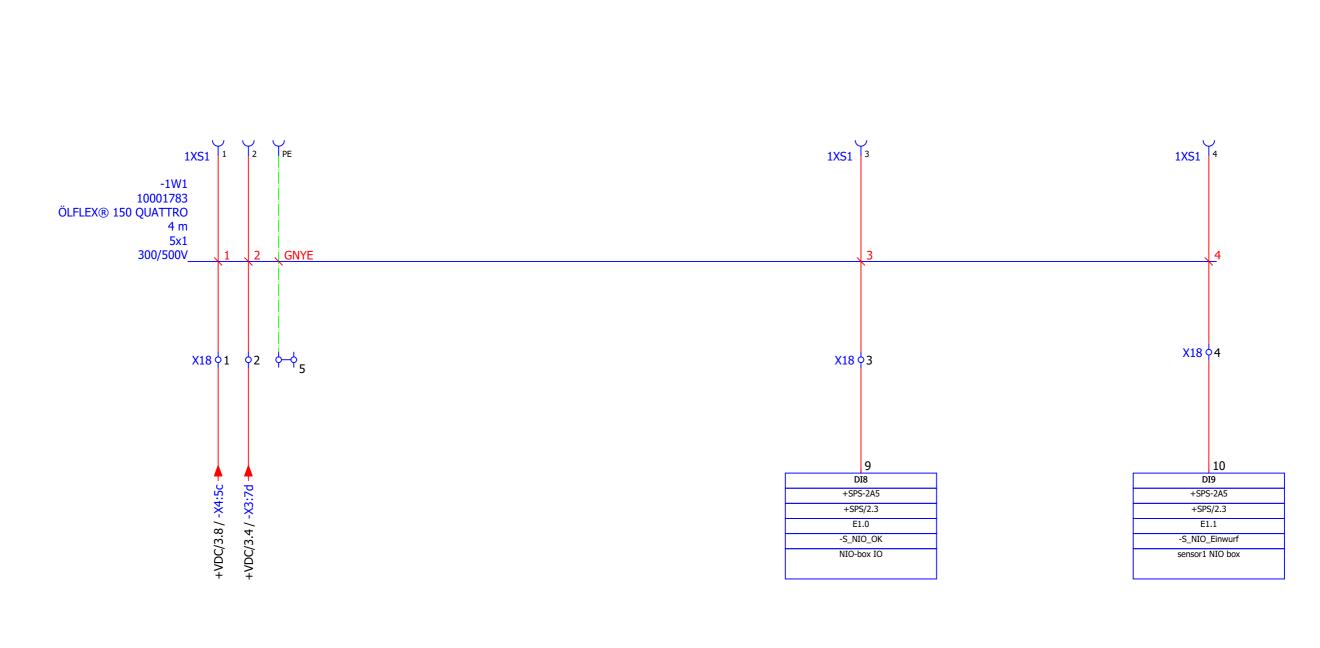
page 5
page 31 from 119

Drawing number

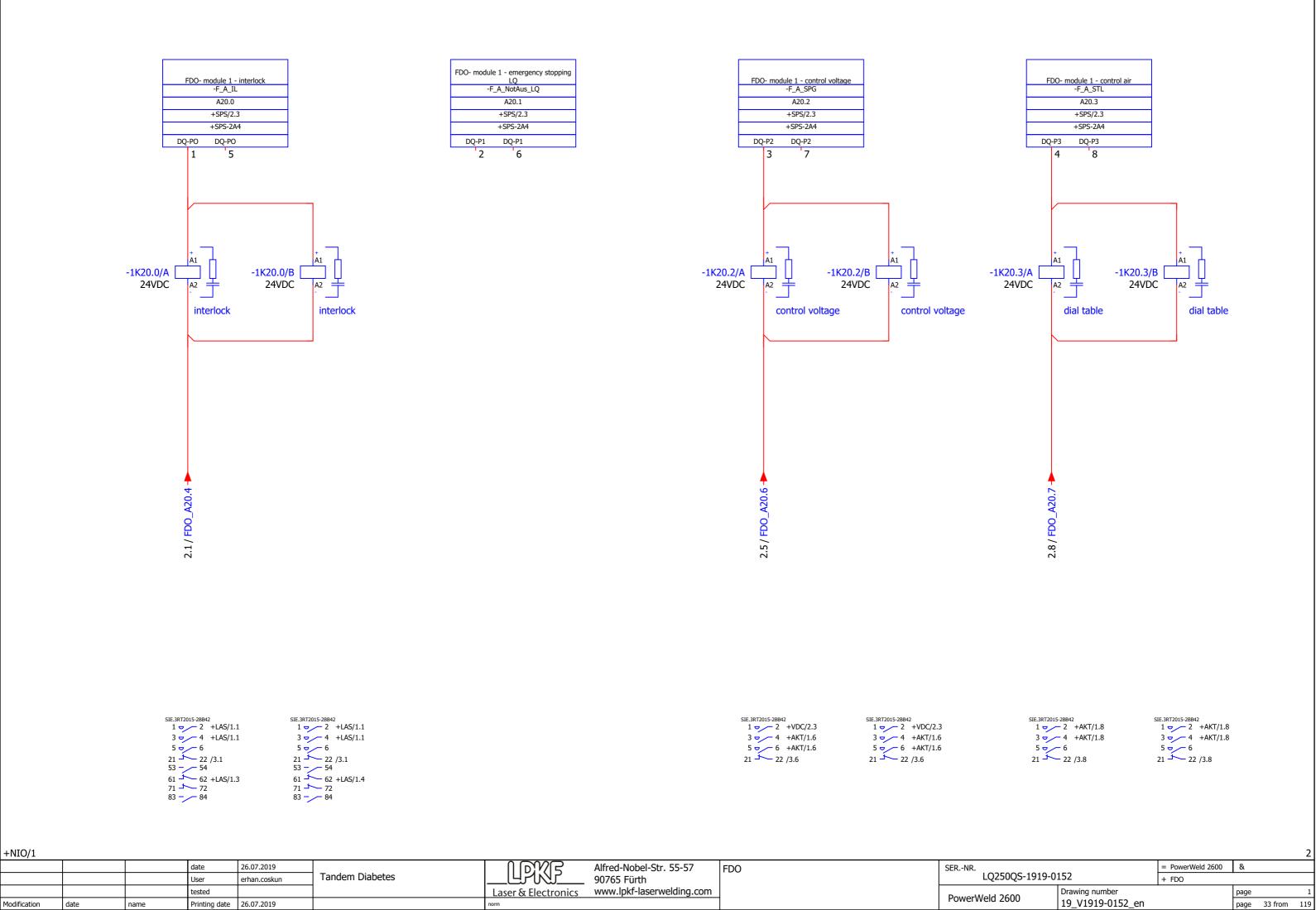
19\_V1919-0152\_en

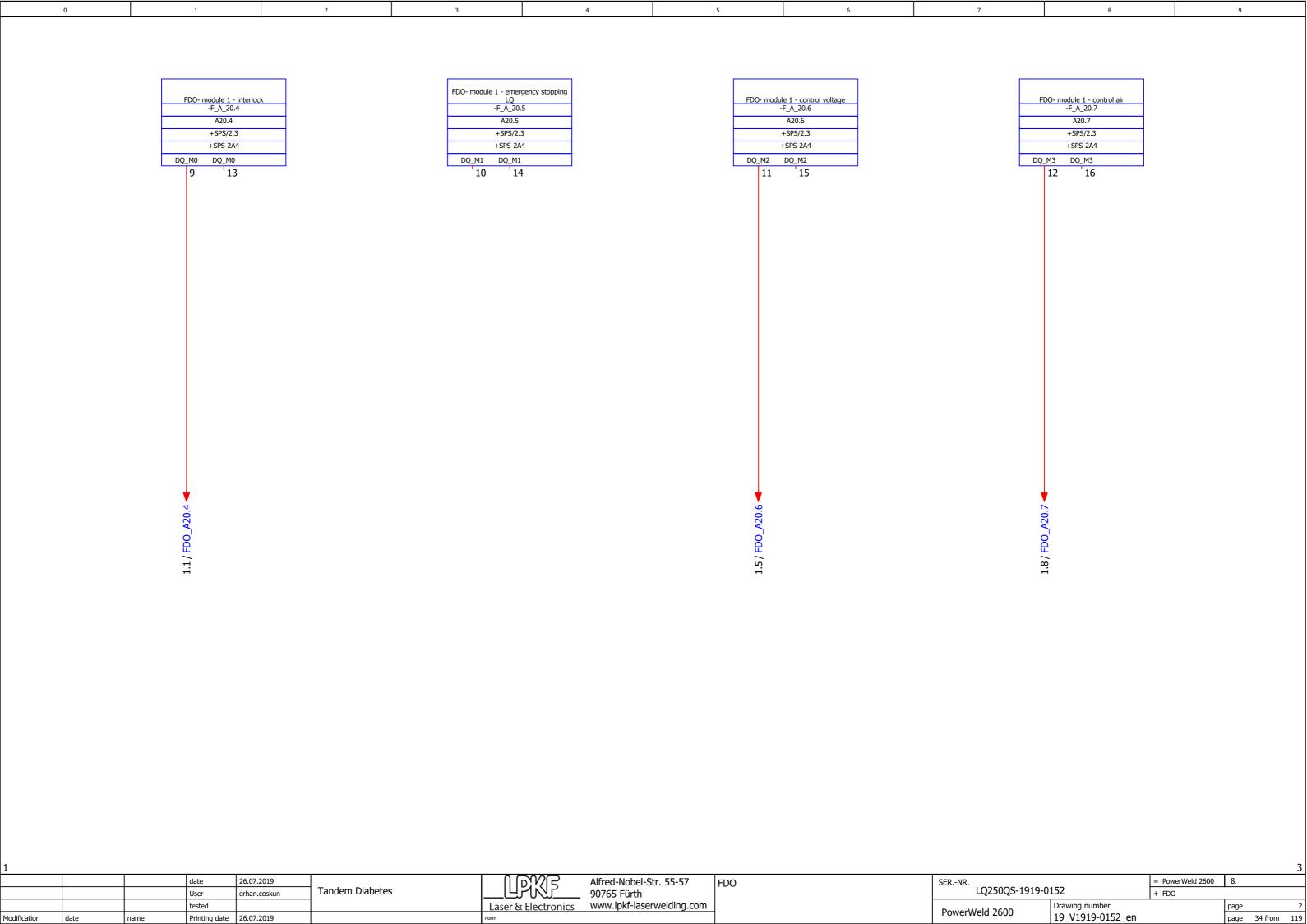
PowerWeld 2600

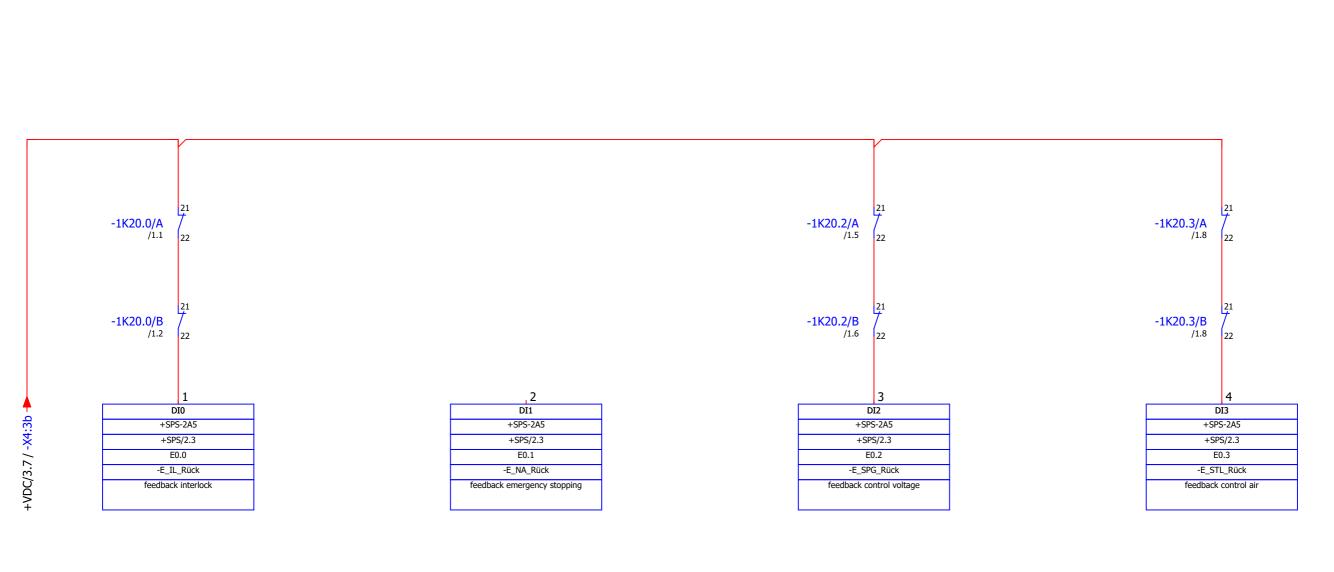
8



+BE/5 +FDO/1 Laser & Electronics Alfred-Nobel-Str. 55-57 90765 Fürth www.lpkf-laserwelding.com 26.07.2019 = PowerWeld 2600 & NIO box LQ250QS-1919-0152 Tandem Diabetes erhan.coskun + NIO Drawing number 19\_V1919-0152\_en page 1 page 32 from 119 tested PowerWeld 2600 Modification Printing date 26.07.2019 date

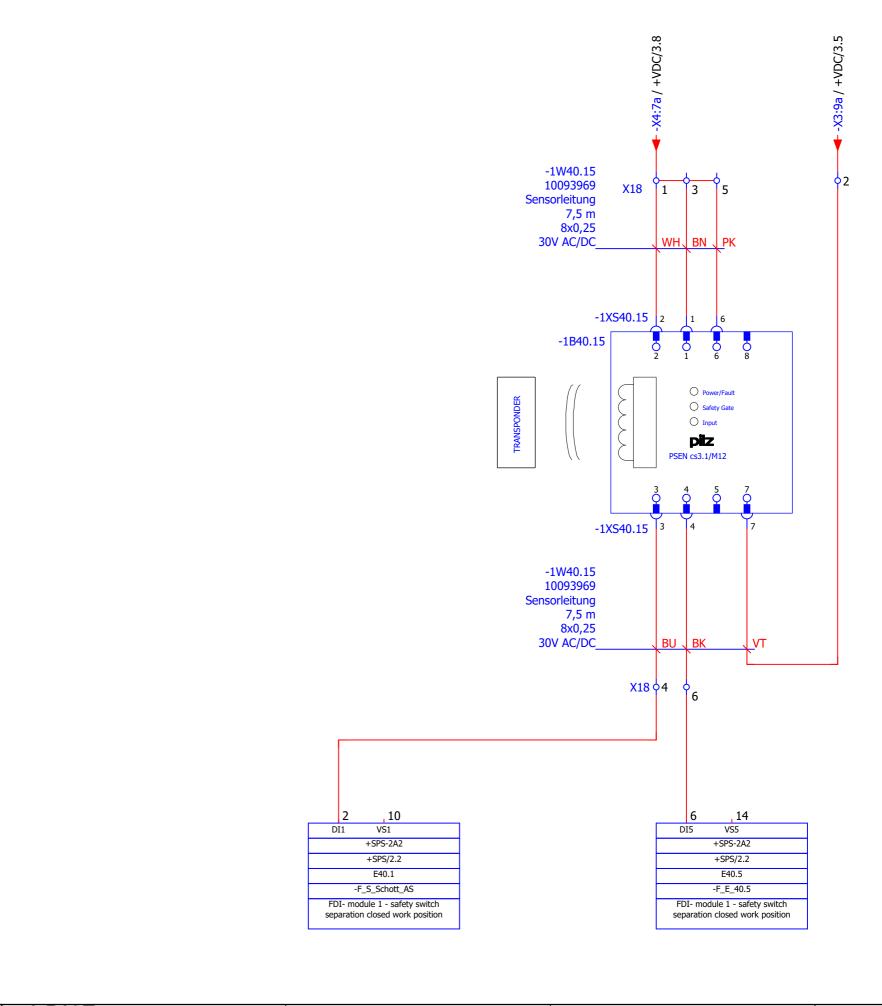






8

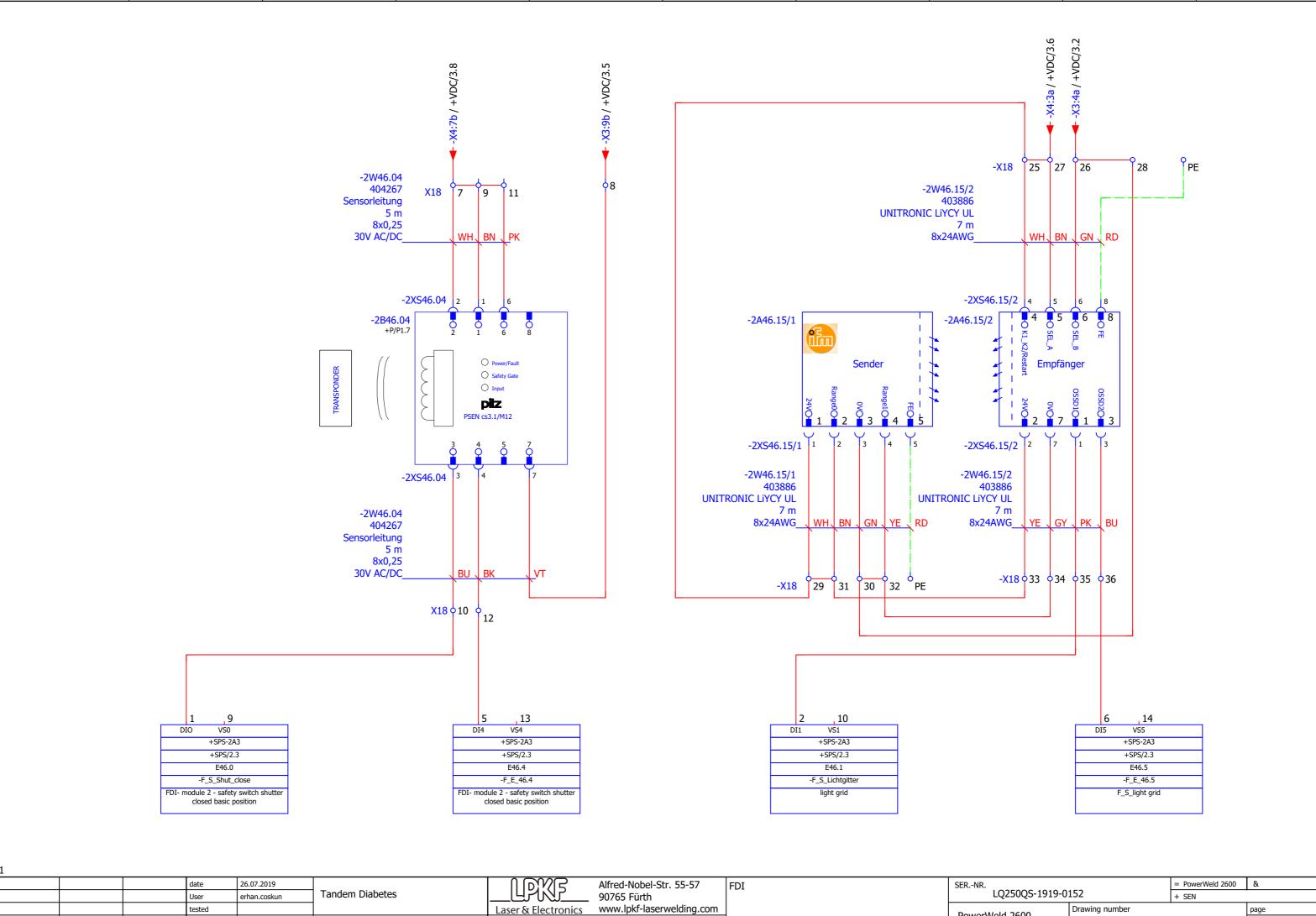
+SEN/1 Laser & Electronics Alfred-Nobel-Str. 55-57 90765 Fürth www.lpkf-laserwelding.com 26.07.2019 FDO = PowerWeld 2600 & LQ250QS-1919-0152 Tandem Diabetes + FDO User erhan.coskun Drawing number 19\_V1919-0152\_en page 3 from 119 tested PowerWeld 2600 Modification Printing date 26.07.2019 date name



9

26.07.2019 Alfred-Nobel-Str. 55-57 = PowerWeld 2600 & FDI LQ250QS-1919-0152 Tandem Diabetes 20765 Fürth www.lpkf-laserwelding.com + SEN User erhan.coskun Drawing number tested page PowerWeld 2600 19\_V1919-0152\_en page 36 from 119 Modification date name Printing date 26.07.2019

+FDO/3



Modification

date

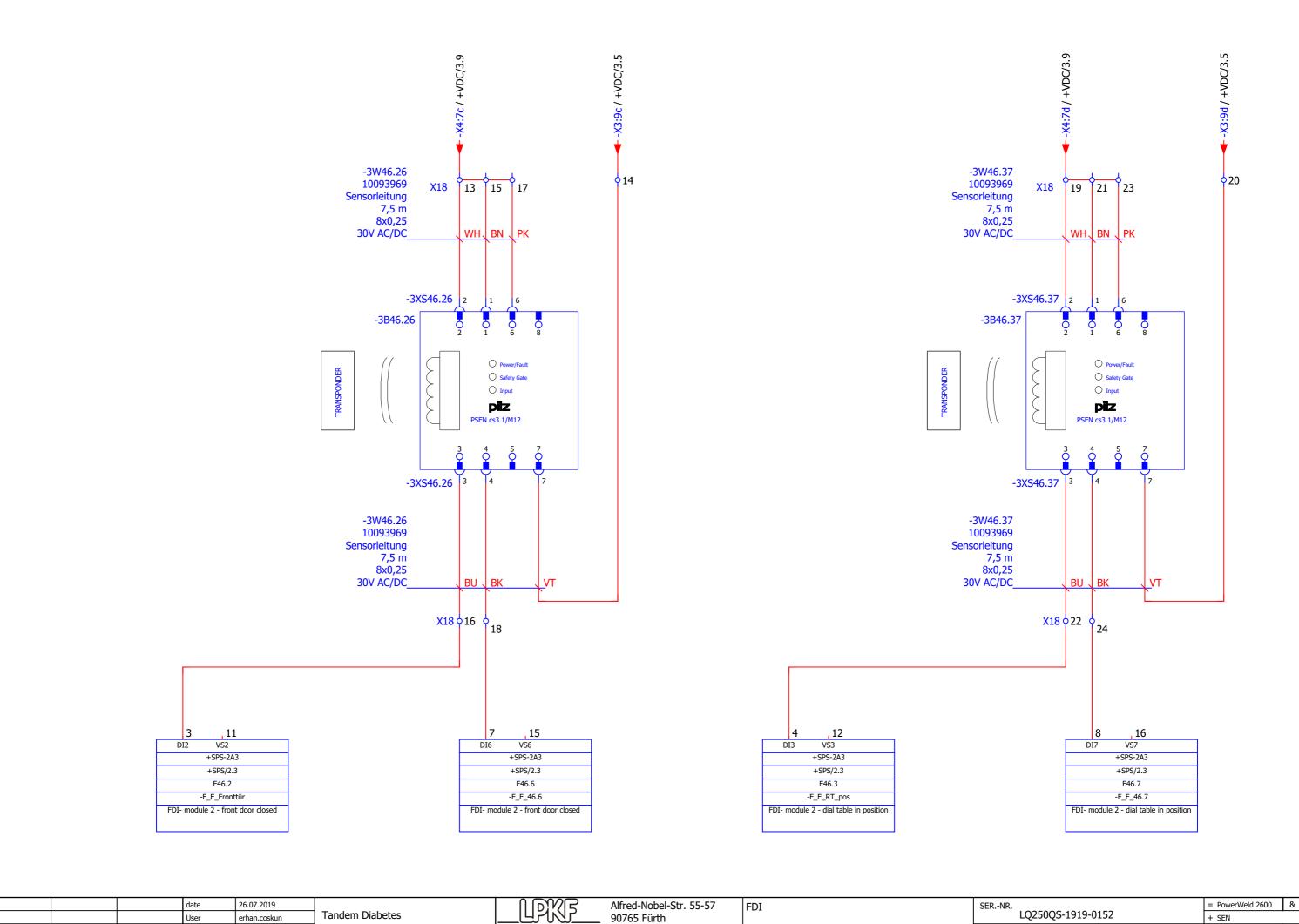
Printing date 26.07.2019

page page 37 from 119

PowerWeld 2600

19\_V1919-0152\_en

8



Laser & Electronics

tested

Printing date 26.07.2019

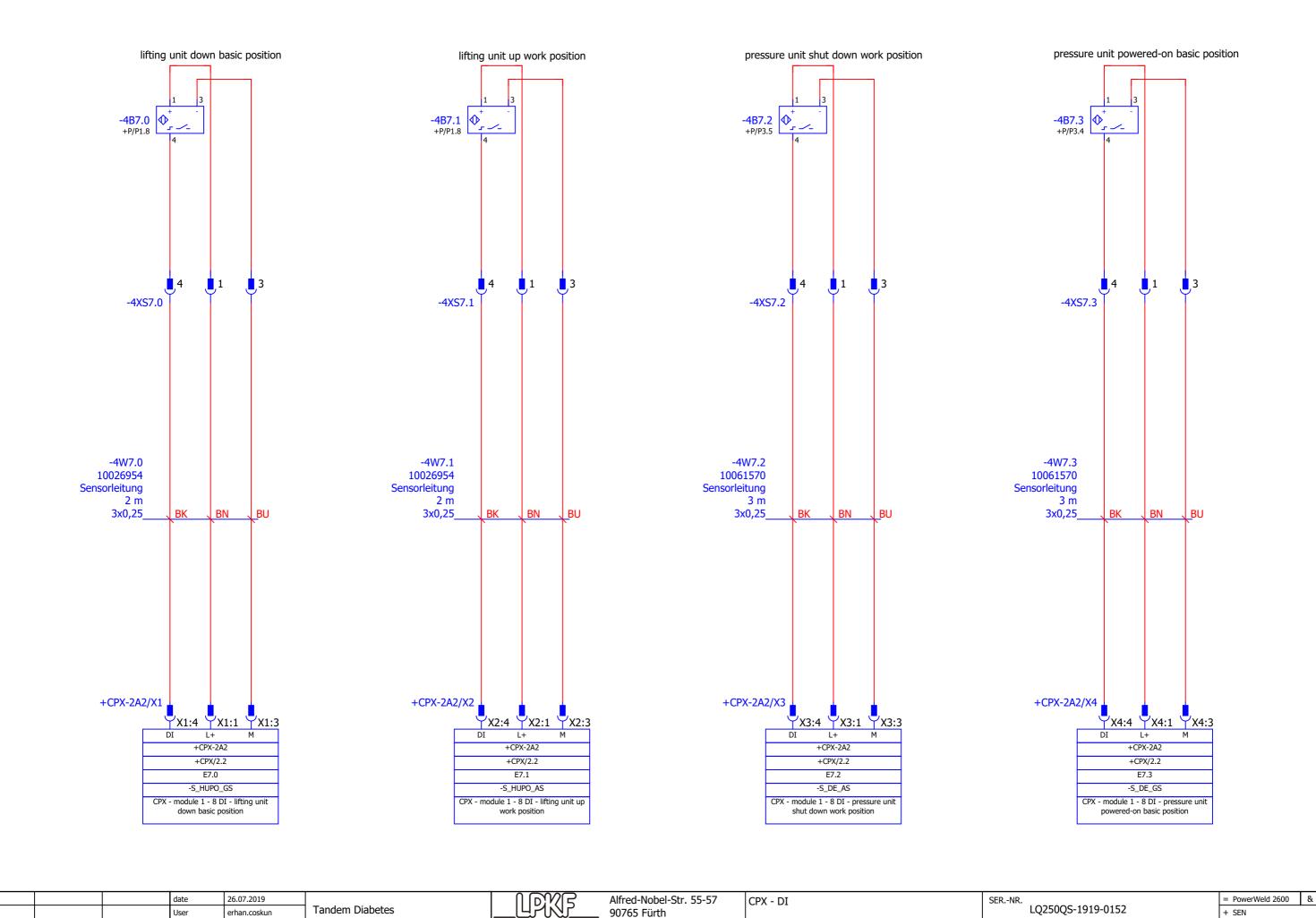
Modification

date

| SEN | Family | Page | Sen | Sen | Sen | Page | Sen | S

PowerWeld 2600

8

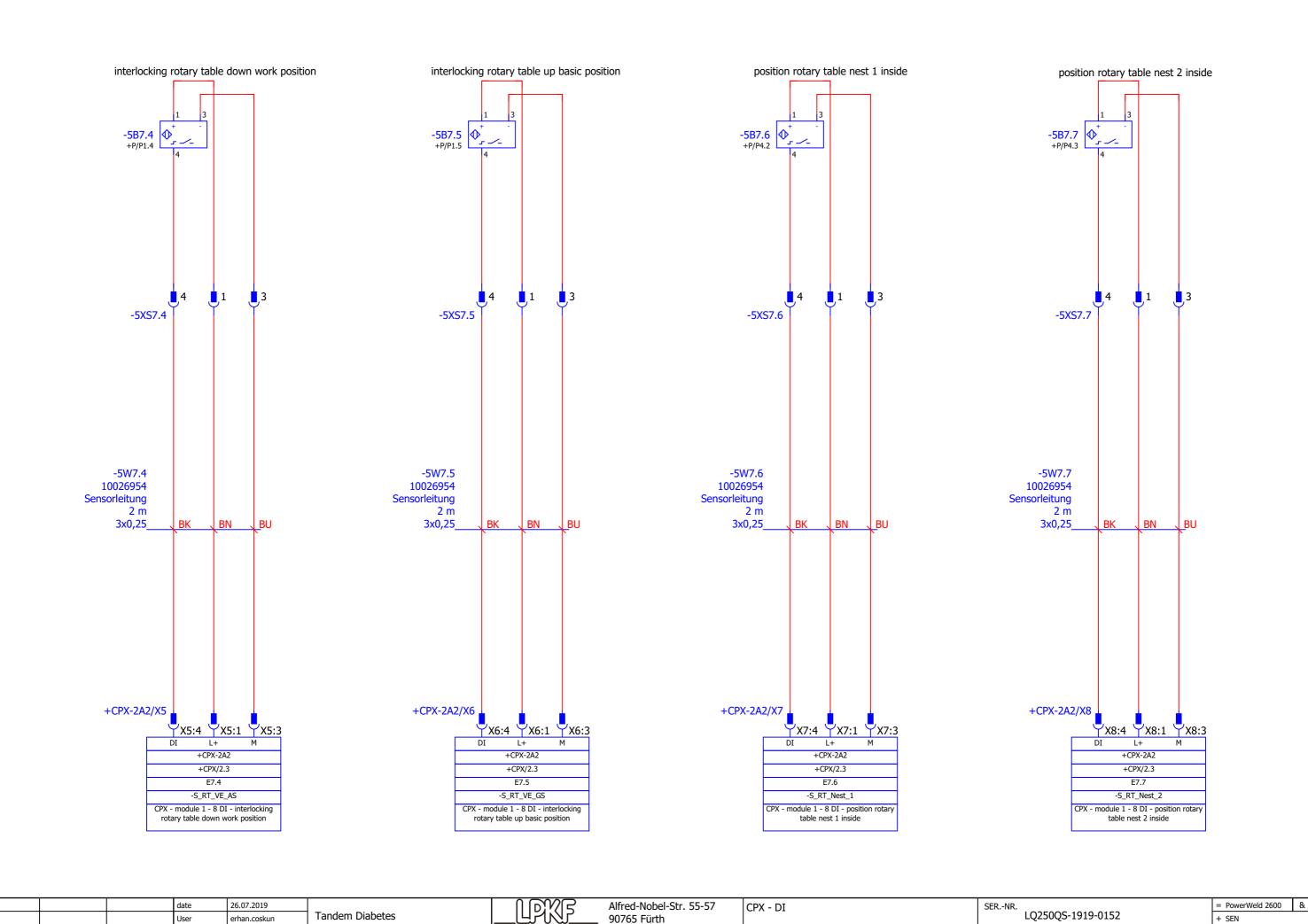


Laser & Electronics

tested

Printing date 26.07.2019

Modification

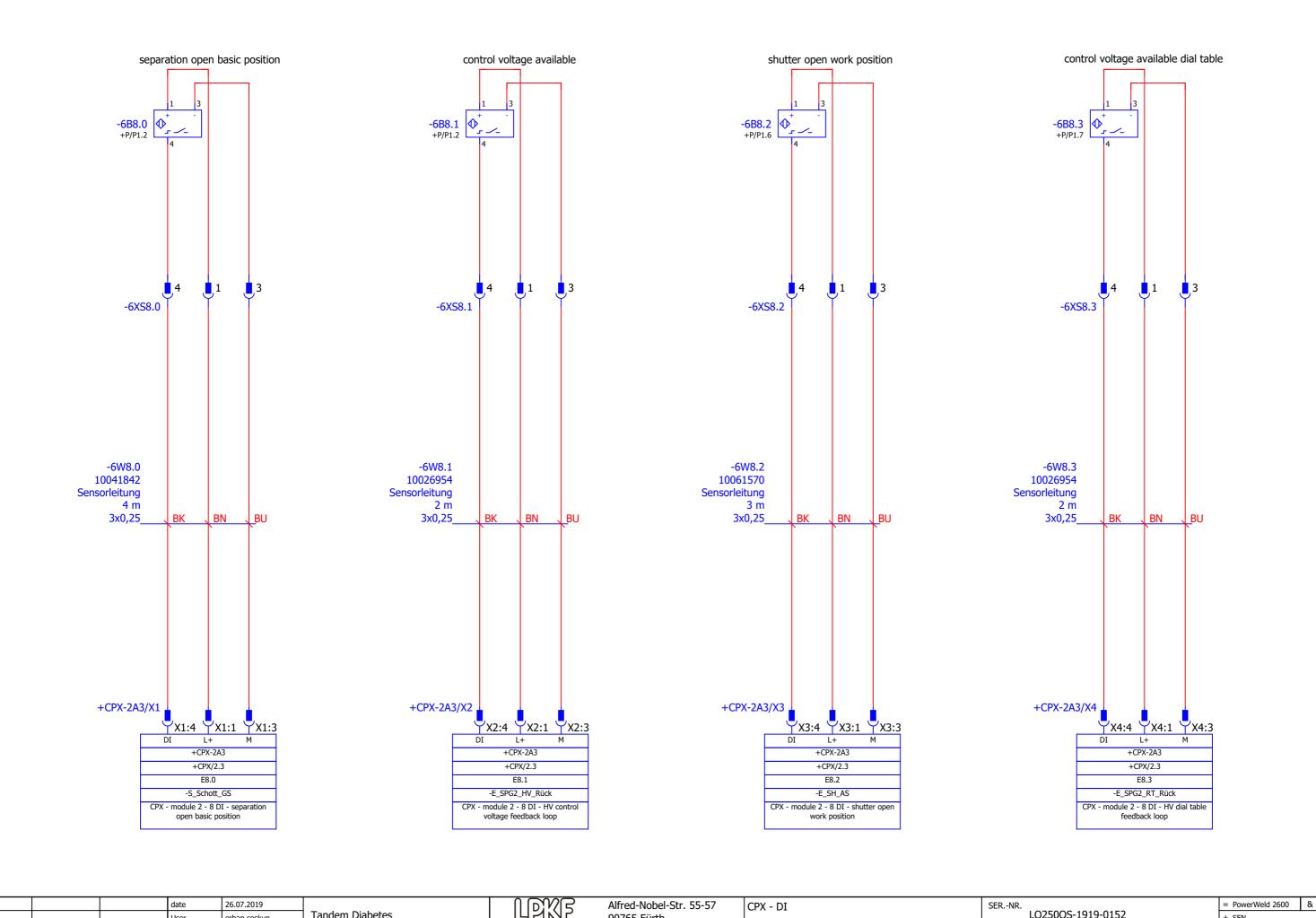


Laser & Electronics

tested

Printing date 26.07.2019

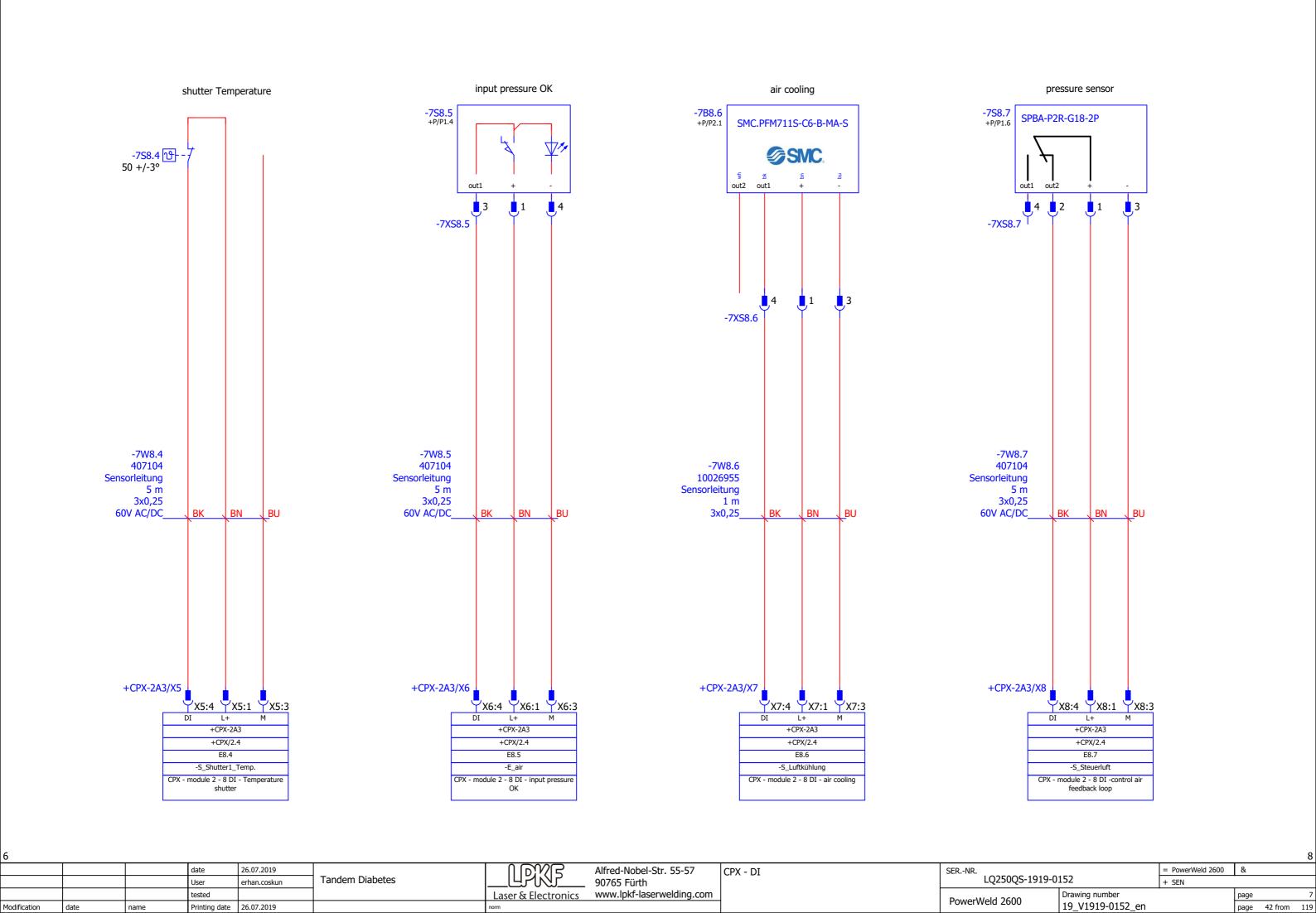
Modification

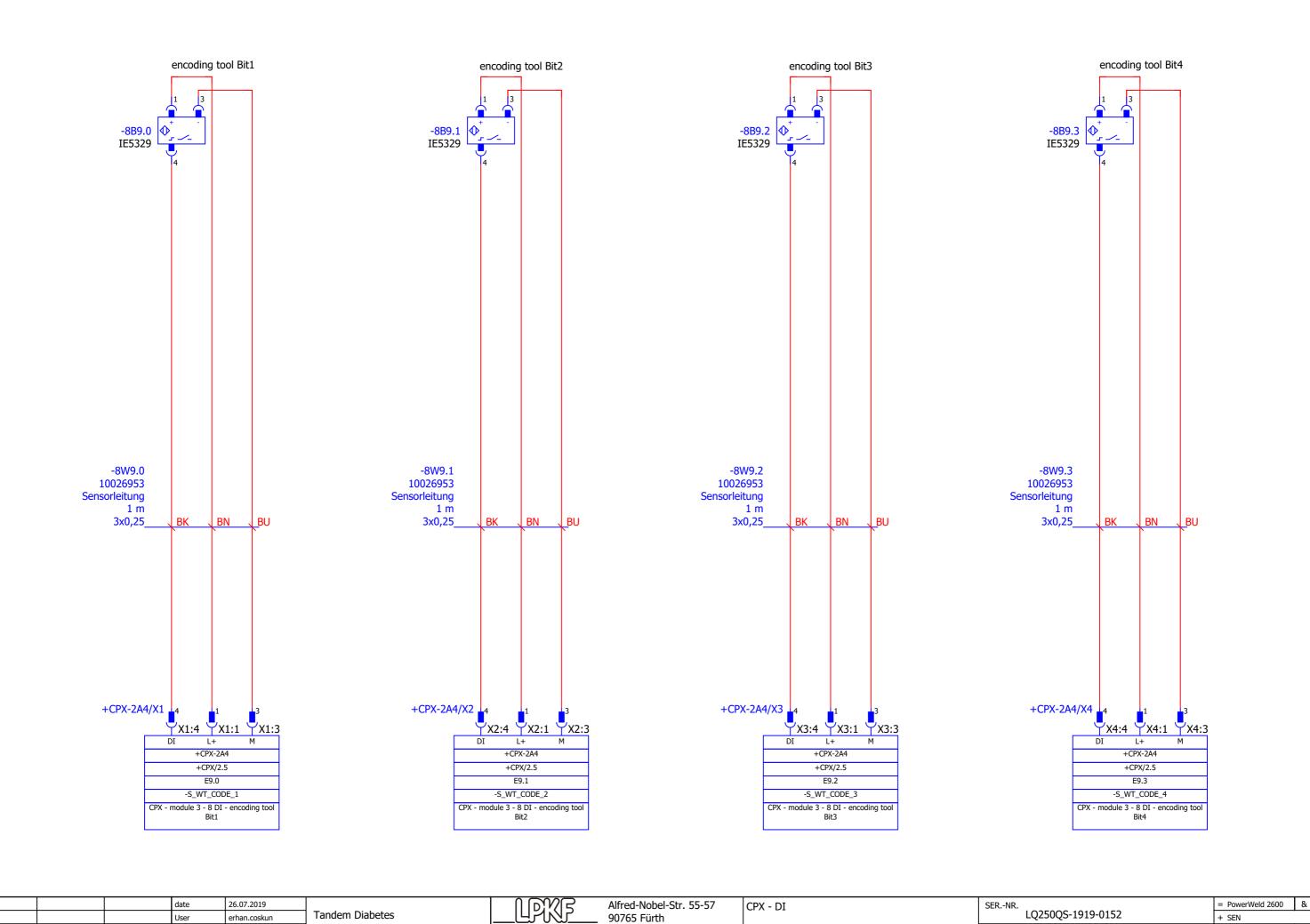


Tandem Diabetes

| Viser | Vis

Modification





Laser & Electronics

tested

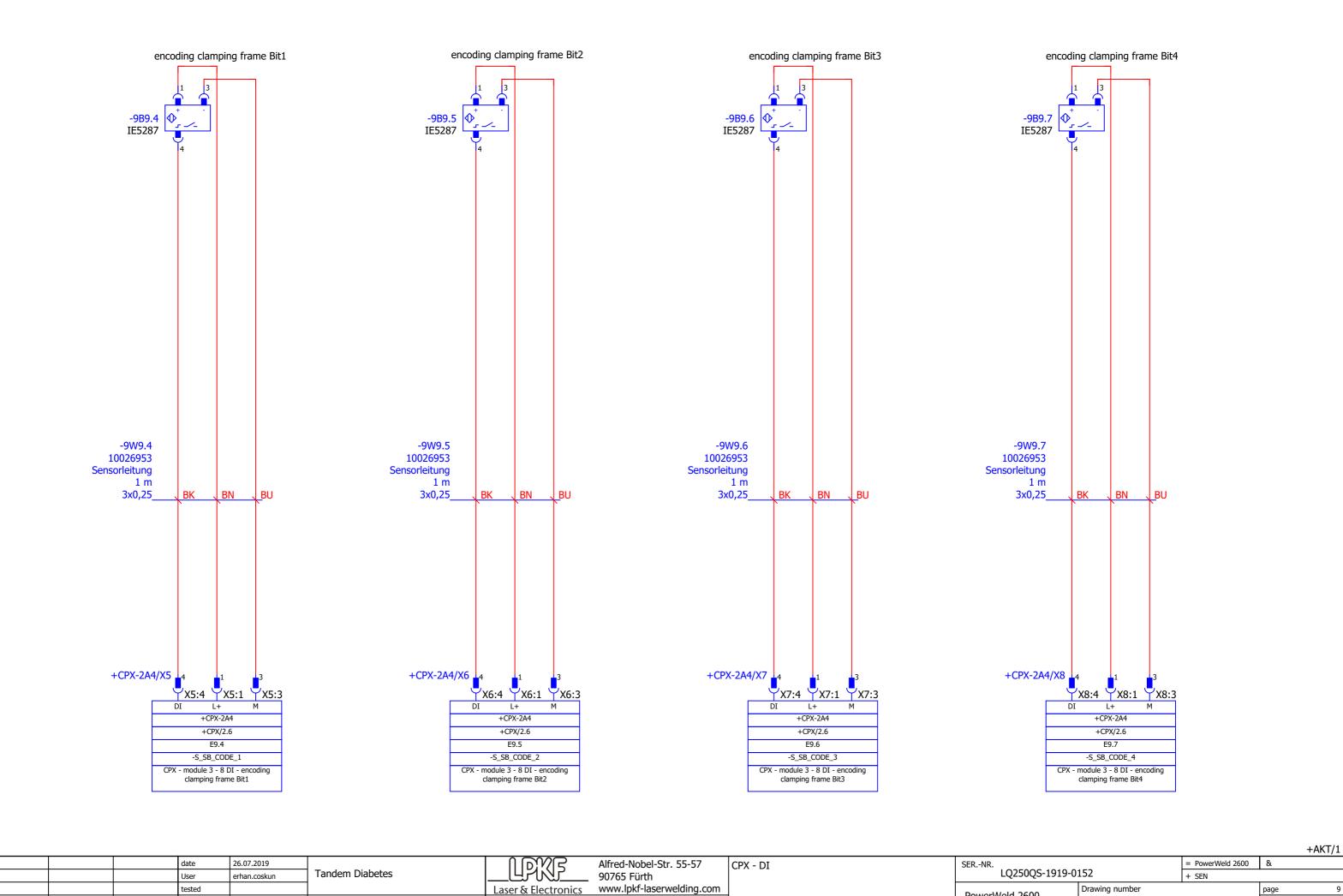
Printing date 26.07.2019

Modification

Drawing number

19\_V1919-0152\_en

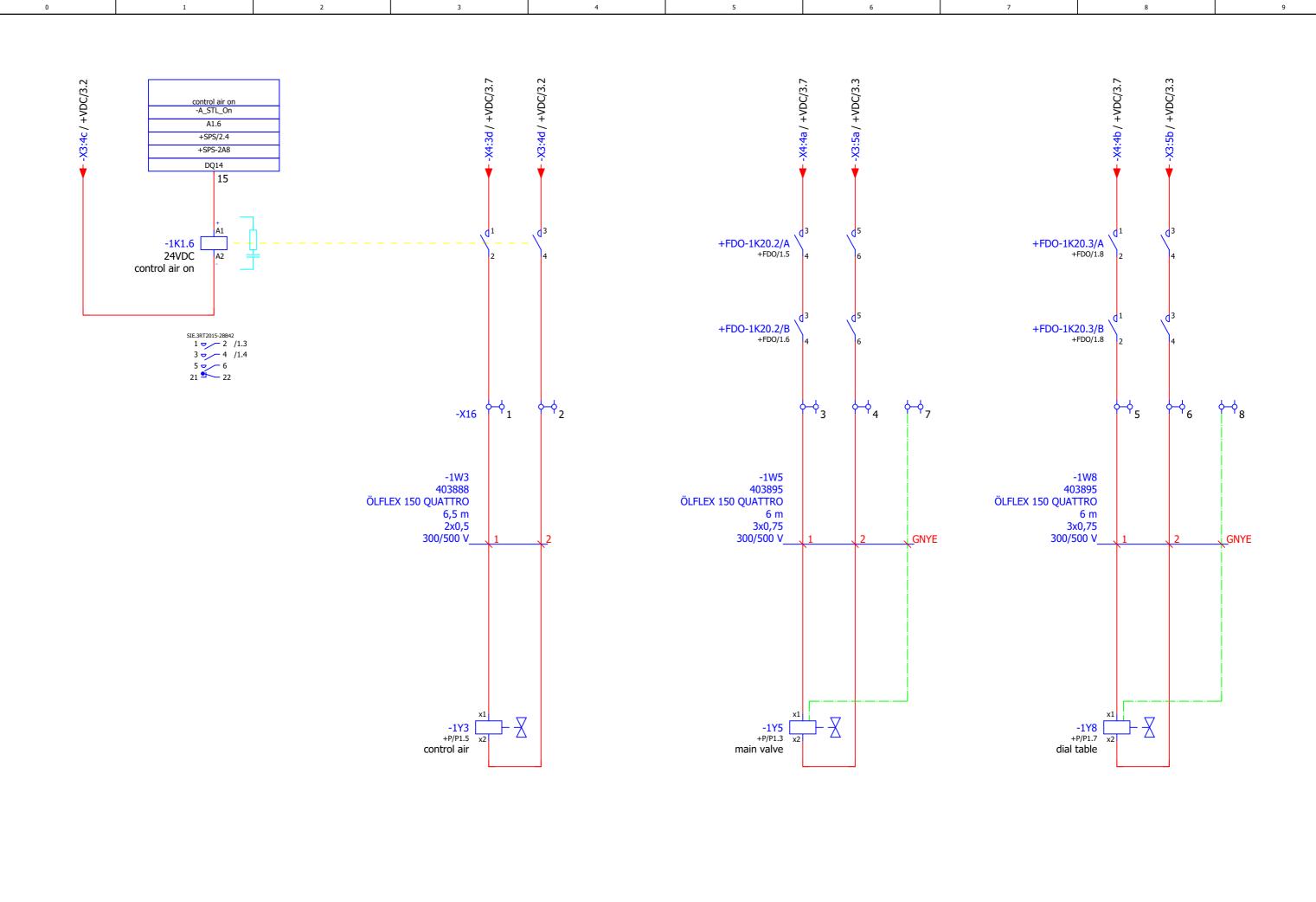
PowerWeld 2600



Modification

Printing date 26.07.2019

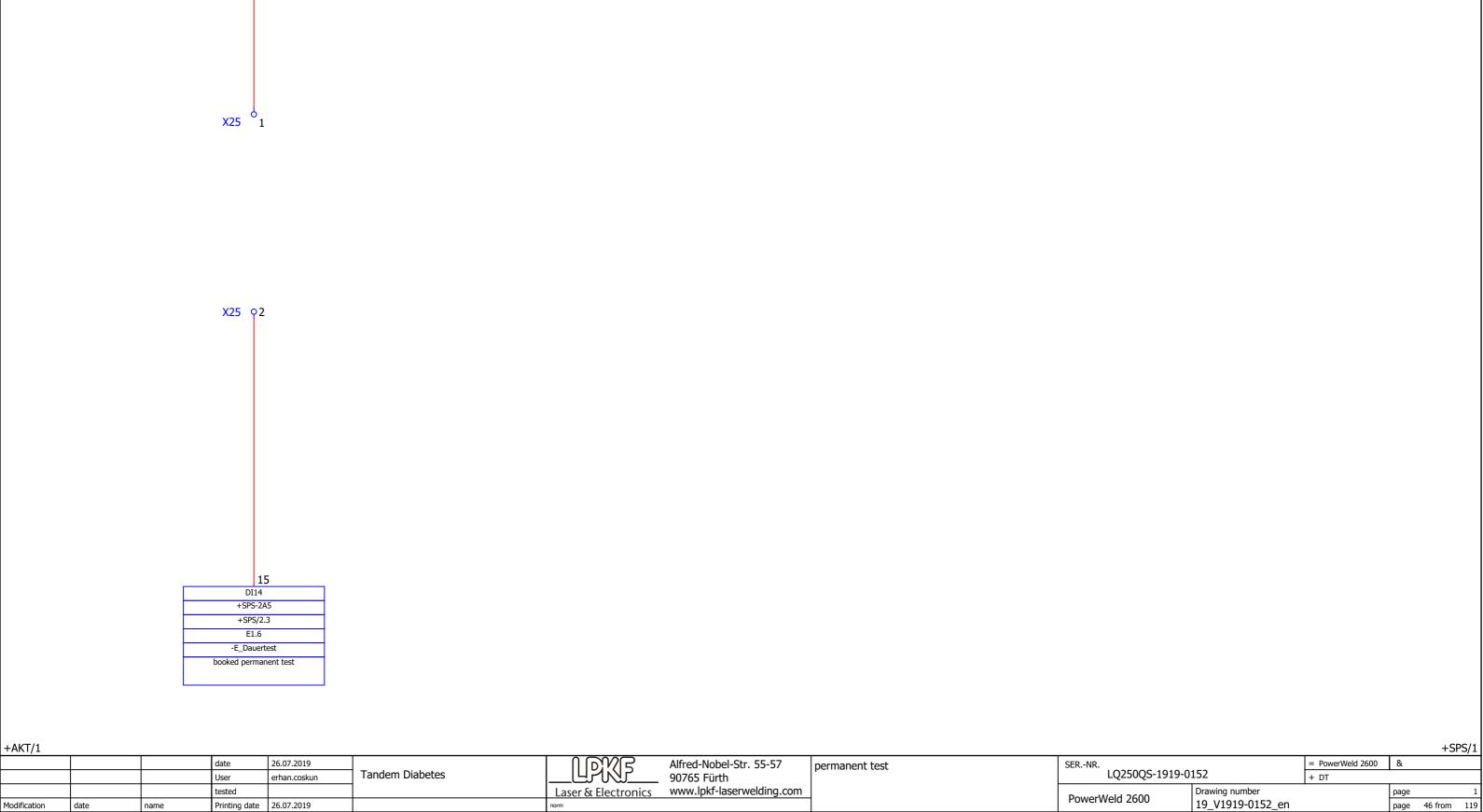
Drawing number PowerWeld 2600 19\_V1919-0152\_en page 44 from 119



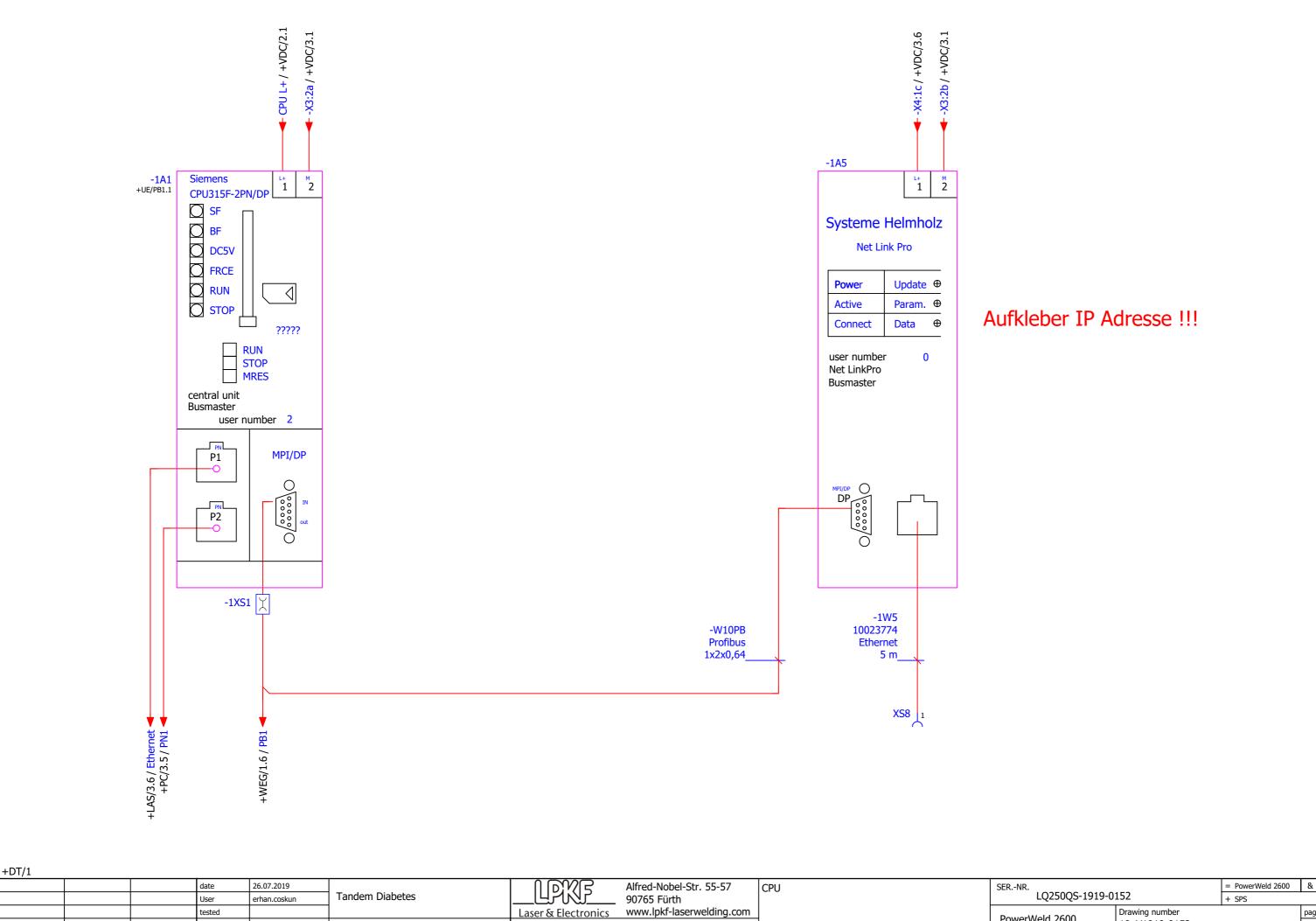
Alfred-Nobel-Str. 55-57 90765 Fürth www.lpkf-laserwelding.com = PowerWeld 2600 & 26.07.2019 actuators LQ250QS-1919-0152 Tandem Diabetes + AKT User erhan.coskun Laser & Electronics Drawing number tested PowerWeld 2600 19\_V1919-0152\_en page 45 from 119 Modification date Printing date 26.07.2019

+SEN/9

+DT/1



-X4:5d / +VDC/3.8



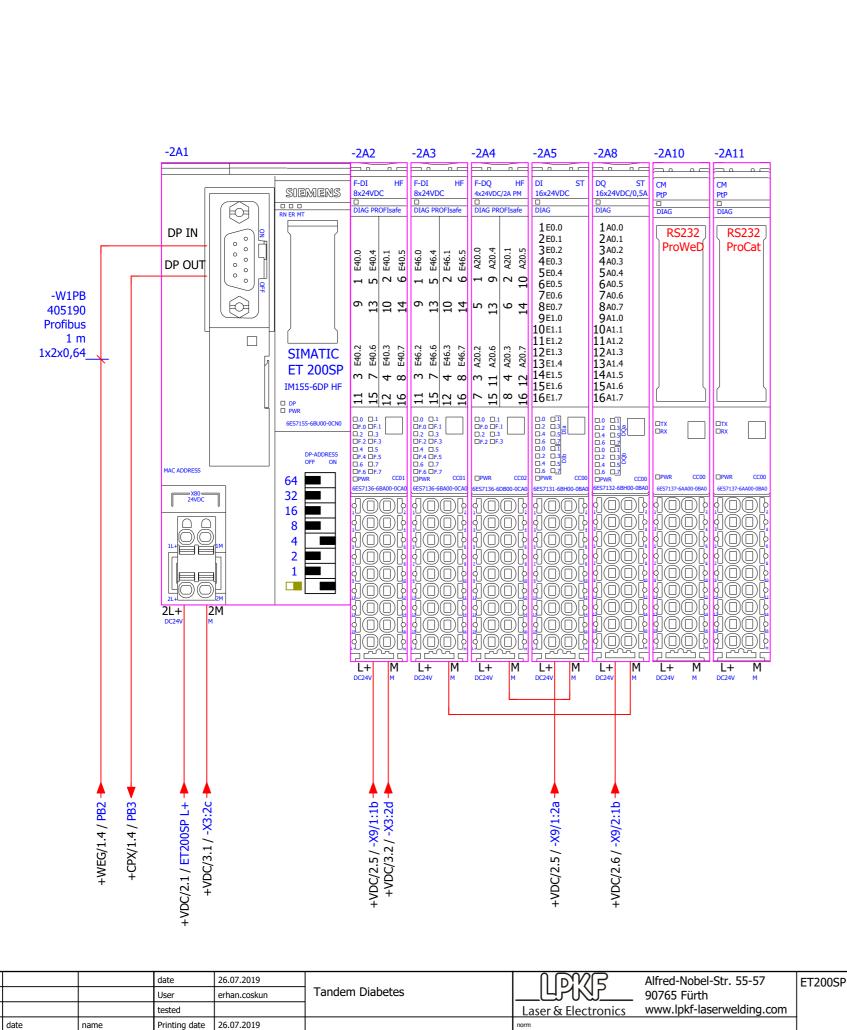
Modification

Printing date 26.07.2019

page 47 from 119

PowerWeld 2600

19\_V1919-0152\_en



Modification

0 1 2 3 4 5 6 7 8 9

PLC diagram

LQ\_F19\_002

	Project Tandem_19_V1919_0152_en											
ВМК	Terminal	Connection point designation	Address	page	Function text	Symbolic address						
-1A1	1	L+		/1.2								
-1A1	2	М		/1.2								
-1A1	X1	MPI/DP										
-1A1	P1	PN		/1.1								
-1A1	P2	PN		/1.1								
-1A1	X1	MPI		+UE/PB1.1								
1A1		out		/1.2								
-1A1		IN		/1.2								
1A1		IN		+UE/PB1.1								
·1A1		OUT		+UE/PB1.1								

PLC diagram

	Project Tandem_19_V1919_0152_en											
ВМК	Terminal	Connection point designation	Address	page	Function text	Symbolic address						
-1A5	1	L+		/1.6								
-1A5	2	М		/1.6								
-1A5	DP	MPI/DP		/1.6								
-1A5				/1.6								

PLC diagram

LQ\_F19\_002

	Project Tandem_19_V1919_0152_en											
ВМК	Terminal	Connection point designation	Address	page	Function text	Symbolic address						
-2A1	DP	RS485										
-2A1	1	1L+										
-2A1	2	1M										
-2A1	3	2L+										
-2A1	4	2M										
-2A1	2L+	DC24V		/2.1								
-2A1	2M	М		/2.1								
-2A1	DP IN			/2.1								
-2A1	DP OUT			/2.1								
-2A1				+UE/PB1.8								

LQ\_F19\_002

# PLC diagram

-2A2

L+

Μ

DC24V

Μ

Project Tandem\_19\_V1919\_0152\_en Connection point designation Symbolic address BMK Terminal Function text Address page -2A2 DIO +BE/4.1 1 E40.0 FDI- module 1 - emergency stopping F\_E\_Not\_Aus -2A2 2 +SEN/1.5 DI1 E40.1 FDI- module 1 - safety switch separation closed work position F\_S\_Schott\_AS -2A2 3 DI2 E40.2 +BE/5.1 FDI- module 1 - two-hand control right F\_S\_2\_Hand\_r -2A2 DI3 +BE/5.5 4 E40.3 FDI- module 1 - two-hand control left F\_S\_2\_Hand\_I -2A2 5 DI4 E40.4 +BE/4.3 FDI- module 1 - emergency stopping F\_E\_40.4 -2A2 6 DI5 E40.5 +SEN/1.8 FDI- module 1 - safety switch separation closed work position F\_E\_40.5 -2A2 7 DI6 E40.6 +BE/5.3 FDI- module 1 - two-hand control right F\_E\_40.6 -2A2 8 DI7 E40.7 +BE/5.8 FDI- module 1 - two-hand control left F\_E\_40.7 -2A2 9 VS0 +BE/4.1 -2A2 10 VS1 +SEN/1.6 -2A2 11 VS2 +BE/5.1 -2A2 12 VS3 +BE/5.6 -2A2 13 VS4 +BE/4.3 -2A2 14 VS5 +SEN/1.8 -2A2 15 VS6 +BE/5.3 -2A2 16 VS7 +BE/5.8 -2A2

/2.2

/2.2

5												
			date	26.07.2019		LPKF	Alfred-Nobel-Str. 55-57	PLC diagram : =PowerWeld 2600+SPS-2A2 -	SERNR.		= PowerWeld 2600	&
			User	erhan.coskun	Tandem Diabetes		90765 Fürth	=PowerWeld 2600+SPS-2A2	LQ250QS-1919-	0152	+ SPS	•
			tested			Laser & Electronics	www.lpkf-laserwelding.com		PowerWeld 2600	Drawing number	•	page
Modification	date	name	Printing date	26.07.2019		norm			Powerweld 2600	19_V1919-0152_en		page 52 from 1

PLC diagram

LQ\_F19\_002

#### Project Tandem\_19\_V1919\_0152\_en **BMK** Terminal Connection point designation Function text Symbolic address Address page -2A3 DIO E46.0 +SEN/2.1 FDI- module 2 - safety switch shutter closed basic position F\_S\_Shut\_close 1 -2A3 2 DI1 E46.1 +SEN/2.6 light grid F\_S\_Lichtgitter -2A3 DI2 +SEN/3.1 FDI- module 2 - front door closed 3 E46.2 F\_E\_Fronttür -2A3 4 DI3 E46.3 +SEN/3.5 FDI- module 2 - dial table in position F\_E\_RT\_pos -2A3 5 DI4 E46.4 +SEN/2.3 FDI- module 2 - safety switch shutter closed basic position F\_E\_46.4 -2A3 6 DI5 E46.5 +SEN/2.8 F\_S\_light grid F\_E\_46.5 -2A3 7 DI6 +SEN/3.3 FDI- module 2 - front door closed F\_E\_46.6 E46.6 -2A3 8 DI7 E46.7 +SEN/3.8 F\_E\_46.7 FDI- module 2 - dial table in position -2A3 9 VS0 +SEN/2.1 -2A3 10 VS1 +SEN/2.6 -2A3 11 VS2 +SEN/3.1 -2A3 12 VS3 +SEN/3.6 -2A3 13 VS4 +SEN/2.3 -2A3 14 VS5 +SEN/2.8 -2A3 15 VS6 +SEN/3.3 -2A3 16 VS7 +SEN/3.8 -2A3 L+ DC24V /2.3

/2.3

-2A3

Μ

Μ

= PowerWeld 2600 & 26.07.2019 Alfred-Nobel-Str. 55-57 PLC diagram: =PowerWeld 2600+SPS-2A3 -LQ250QS-1919-0152 **Tandem Diabetes** Laser & Electronics 90765 Fürth www.lpkf-laserwelding.com erhan.coskun =PowerWeld 2600+SPS-2A3 + SPS tested Drawing number PowerWeld 2600 19\_V1919-0152\_en Modification Printing date 26.07.2019 page 53 from 119

				Projec	ct Tandem_19_V1919_0152_en	
BMK	Terminal	Connection point designation	Address	page	Function text	Symbolic address
-2A4	1	DQ-PO	A20.0	+FDO/1.1	FDO- module 1 - interlock	F_A_IL
-2A4	2	DQ-P1	A20.1	+FDO/1.3	FDO- module 1 - emergency stopping LQ	F_A_NotAus_LQ
-2A4	3	DQ-P2	A20.2	+FDO/1.5	FDO- module 1 - control voltage	F_A_SPG
-2A4	4	DQ-P3	A20.3	+FDO/1.8	FDO- module 1 - control air	F_A_STL
-2A4	5	DQ-PO		+FDO/1.1		
-2A4	6	DQ-P1		+FDO/1.3		
-2A4	7	DQ-P2		+FDO/1.6		
-2A4	8	DQ-P3		+FDO/1.8		
-2A4	9	DQ_M0	A20.4	+FDO/2.1	FDO- module 1 - interlock	F_A_20.4
-2A4	10	DQ_M1	A20.5	+FDO/2.3	FDO- module 1 - emergency stopping LQ	F_A_20.5
-2A4	11	DQ_M2	A20.6	+FDO/2.5	FDO- module 1 - control voltage	F_A_20.6
-2A4	12	DQ_M3	A20.7	+FDO/2.8	FDO- module 1 - control air	F_A_20.7
-2A4	13	DQ_M0		+FDO/2.1		
-2A4	14	DQ_M1		+FDO/2.3		
-2A4	15	DQ_M2		+FDO/2.6		
-2A4	16	DQ_M3		+FDO/2.8		
-2A4	L+	DC24V		/2.3		
		+		<u> </u>		

7											9
,		date	26.07.2019		I UEWE	Alfred-Nobel-Str. 55-57	PLC diagram : =PowerWeld 2600+SPS-2A4 -	SERNR.		= PowerWeld 2600	
		User	erhan.coskun	Tandem Diabetes	LPKF	90765 Fürth	=PowerWeld 2600+SPS-2A4	LQ250QS-1919-0		+ SPS	
Modification	data	tested			Laser & Electronics	www.lpkf-laserwelding.com	4	PowerWeld 2600	Drawing number		page 8

/2.3

-2A4

Modification

Μ

Printing date 26.07.2019

М

Drawing number 19\_V1919-0152\_en page 8 page 54 from 119

				Project	Tandem_19_V1919_0152_en	
ВМК	Terminal	Connection point designation	Address	page	Function text	Symbolic address
-2A5	1	DIO	E0.0	+FDO/3.1	feedback interlock	E_IL_Rück
-2A5	2	DI1	E0.1	+FDO/3.3	feedback emergency stopping	E_NA_Rück
-2A5	3	DI2	E0.2	+FDO/3.6	feedback control voltage	E_SPG_Rück
-2A5	4	DI3	E0.3	+FDO/3.8	feedback control air	E_STL_Rück
-2A5	5	DI4	E0.4	+LAS/2.1	fuse laser power supply unit	Fuse_2
-2A5	6	DI5	E0.5	+SCN/2.8	fuse scanner	Fuse_3
-2A5	7	DI6	E0.6	+VDC/1.8	fuse 5VDC	Fuse_4
-2A5	8	DI7	E0.7	+BE/3.3	Reset NIO-component	E_Reset_NIO
-2A5	9	DI8	E1.0	+NIO/1.6	NIO-box IO	S_NIO_OK
-2A5	10	DI9	E1.1	+NIO/1.8	sensor1 NIO box	S_NIO_Einwurf
-2A5	11	DI10	E1.2	+SCN/2.6	scanner active	E_Scan_aktiv
-2A5	12	DI11	E1.3	+SCN/2.7	scanner rebooted	E_Scan_ok
-2A5	13	DI12	E1.4	+PC/1.6	UPS OK	E_USV_OK
-2A5	14	DI13	E1.5	+PC/1.8	UPS<85%	E_USV_<85%
-2A5	15	DI14	E1.6	+DT/1.1	booked permanent test	E_Dauertest
-2A5	16	DI15	E1.7	+LAS/2.3	fault laser power supply unit	E_LD_Error
-2A5	L+	DC24V		/2.3		

-2A5	3	DI2	E0.2	+FDO/3.6	feedback control voltage	E_SPG_Rück
-2A5	4	DI3	E0.3	+FDO/3.8	feedback control air	E_STL_Rück
-2A5	5	DI4	E0.4	+LAS/2.1	fuse laser power supply unit	Fuse_2
-2A5	6	DI5	E0.5	+SCN/2.8	fuse scanner	Fuse_3
-2A5	7	DI6	E0.6	+VDC/1.8	fuse 5VDC	Fuse_4
-2A5	8	DI7	E0.7	+BE/3.3	Reset NIO-component	E_Reset_NIO
-2A5	9	DI8	E1.0	+NIO/1.6	NIO-box IO	S_NIO_OK
-2A5	10	DI9	E1.1	+NIO/1.8	sensor1 NIO box	S_NIO_Einwurf
-2A5	11	DI10	E1.2	+SCN/2.6	scanner active	E_Scan_aktiv
-2A5	12	DI11	E1.3	+SCN/2.7	scanner rebooted	E_Scan_ok
-2A5	13	DI12	E1.4	+PC/1.6	UPS OK	E_USV_OK
-2A5	14	DI13	E1.5	+PC/1.8	UPS<85%	E_USV_<85%
-2A5	15	DI14	E1.6	+DT/1.1	booked permanent test	E_Dauertest
-2A5	16	DI15	E1.7	+LAS/2.3	fault laser power supply unit	E_LD_Error
-2A5	L+	DC24V		/2.3		
-2A5	М	М		/2.4		

Alfred-Nobel-Str. 55-57 90765 Fürth www.lpkf-laserwelding.com 26.07.2019 PLC diagram : =PowerWeld 2600+SPS-2A5 -=PowerWeld 2600+SPS-2A5 = PowerWeld 2600 & LQ250QS-1919-0152 **Tandem Diabetes** erhan.coskun + SPS Drawing number tested PowerWeld 2600 19\_V1919-0152\_en Modification Printing date 26.07.2019 page 55 from 119

				Projec	t Tandem_19_V1919_0152_en	
ВМК	Terminal	Connection point designation	Address	page	Function text	Symbolic address
-2A8	1	DQ0	A0.0	/2.4	cooler, Reset	A_Kühl_RESET
-2A8	2	DQ1	A0.1	/2.4	cooler on	A_Kühl_on
-2A8	3	DQ2	A0.2	+LAS/2.1	SolidState interlock	A_IL
-2A8	4	DQ3	A0.3	+LAS/2.3	laser power supply unit switch on-off	A_LN_on
-2A8	5	DQ4	A0.4	/2.4	pilot laser beam on	A_Las_Pilotlaser
-2A8	6	DQ5	A0.5	+SCN/2.7	Start list 1	A_Las_List_1
-2A8	7	DQ6	A0.6	+SCN/2.8	Start list 2	A_Las_List_2
-2A8	8	DQ7	A0.7	/2.4	spare	A_0.7
-2A8	9	DQ8	A1.0	+BE/2.1	signal column	L_gelb
-2A8	10	DQ9	A1.1	+BE/2.3	light component IO	A_L_IO
-2A8	11	DQ10	A1.2	+BE/2.6	light component NIO	A_L_NIO
-2A8	12	DQ11	A1.3	+BE/2.8	dial table ready	L_Bereit
-2A8	13	DQ12	A1.4	+BE/3.1	light Reset NIO	L_Reset_NIO
-2A8	14	DQ13	A1.5	+BEL/1.1	machine illumination on	L_Anlage
-2A8	15	DQ14	A1.6	+AKT/1.1	control air on	A_STL_On
-2A8	16	DQ15	A1.7	/2.4	spare	A_1.7
-2A8	L+	DC24V		/2.4		

Alfred-Nobel-Str. 55-57 90765 Fürth www.lpkf-laserwelding.com 26.07.2019 PLC diagram : =PowerWeld 2600+SPS-2A8 -=PowerWeld 2600+SPS-2A8 = PowerWeld 2600 & LQ250QS-1919-0152 **Tandem Diabetes** + SPS erhan.coskun

Drawing number

19\_V1919-0152\_en

PowerWeld 2600

page 10 page 56 from 119

/2.4

-2A8

Modification

М

tested

Printing date 26.07.2019

	Project Tandem_19_V1919_0152_en											
ВМК	Terminal	Connection point designation	Address	page	Function text	Symbolic address						
-2A10	1	TXD		+PC/4.2								
-2A10	2	RXD		+PC/4.2								
-2A10	3	RTS		+PC/4.2								
-2A10	4	CTS		+PC/4.2								
-2A10	5	DTR		+PC/4.2								
-2A10	6	DSR		+PC/4.2								
-2A10	7	DCD		+PC/4.3								
-2A10	8	RI		+PC/4.3								
-2A10	9	PE										
-2A10	10	PE										
-2A10	11	T(A)-										
-2A10	12	R(A)-										
-2A10	13	T(B)+										
-2A10	14	R(B)+										
-2A10	15	PE										
-2A10	16	PE										
-2A10	L+	24VDC										
-2A10	М	0VDC										
-2A10	L+	DC24V		/2.4								
-2A10	М	М		/2.4								
-2A10	9	PE		+PC/4.3								

-2A10 10 PE +PC/4.3

Alfred-Nobel-Str. 55-57 90765 Fürth www.lpkf-laserwelding.com 26.07.2019 PLC diagram : =PowerWeld 2600+SPS-2A10 -=PowerWeld 2600+SPS-2A10 = PowerWeld 2600 & LQ250QS-1919-0152 **Tandem Diabetes** erhan.coskun + SPS Drawing number page 11 page 57 from 119 tested PowerWeld 2600 19\_V1919-0152\_en Printing date 26.07.2019 Modification

	Project Tandem_19_V1919_0152_en										
BMK	Terminal	Connection point designation	Address	page	Function text	Symbolic address					
-2A11	1	TXD		+PC/4.5							
-2A11	2	RXD		+PC/4.5							
-2A11	3	RTS		+PC/4.6							
-2A11	4	CTS		+PC/4.6							
-2A11	5	DTR		+PC/4.6							
-2A11	6	DSR		+PC/4.6							
-2A11	7	DCD		+PC/4.6							
-2A11	8	RI		+PC/4.7							
-2A11	9	PE		+PC/4.7							
-2A11	10	PE		+PC/4.7							
-2A11	11	T(A)-									
-2A11	12	R(A)-									
-2A11	13	T(B)+									
-2A11	14	R(B)+									
-2A11	15	PE									
-2A11	16	PE									
-2A11	L+	24VDC									
-2A11	М	0VDC									
-2A11	L+	DC24V		/2.5							

+CPX/1 Alfred-Nobel-Str. 55-57 90765 Fürth www.lpkf-laserwelding.com 26.07.2019 PLC diagram : =PowerWeld 2600+SPS-2A11 - =PowerWeld 2600+SPS-2A11 = PowerWeld 2600 & LQ250QS-1919-0152 **Tandem Diabetes** erhan.coskun + SPS Drawing number page 12 page 58 from 119 tested

PowerWeld 2600

19\_V1919-0152\_en

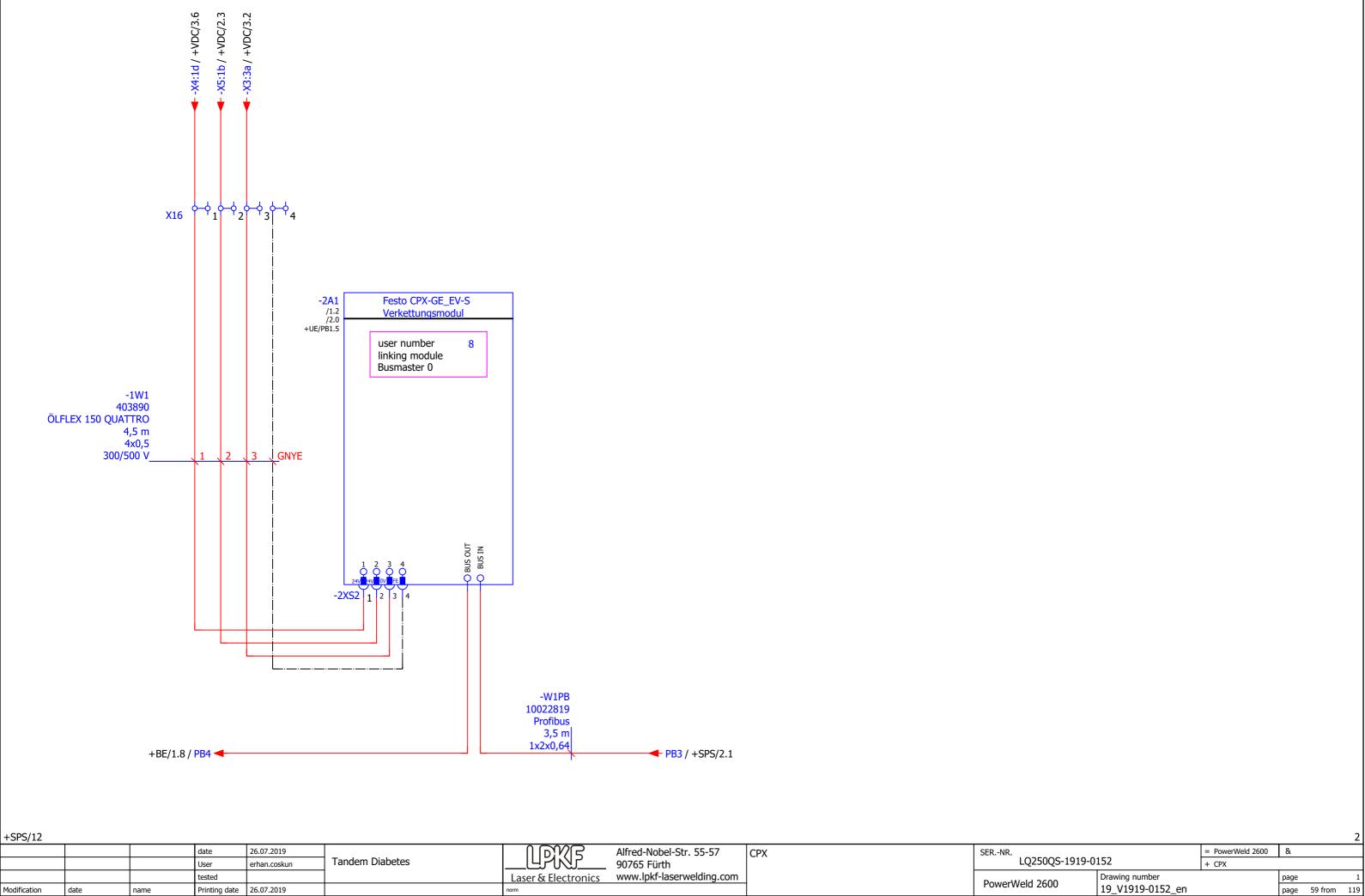
/2.5

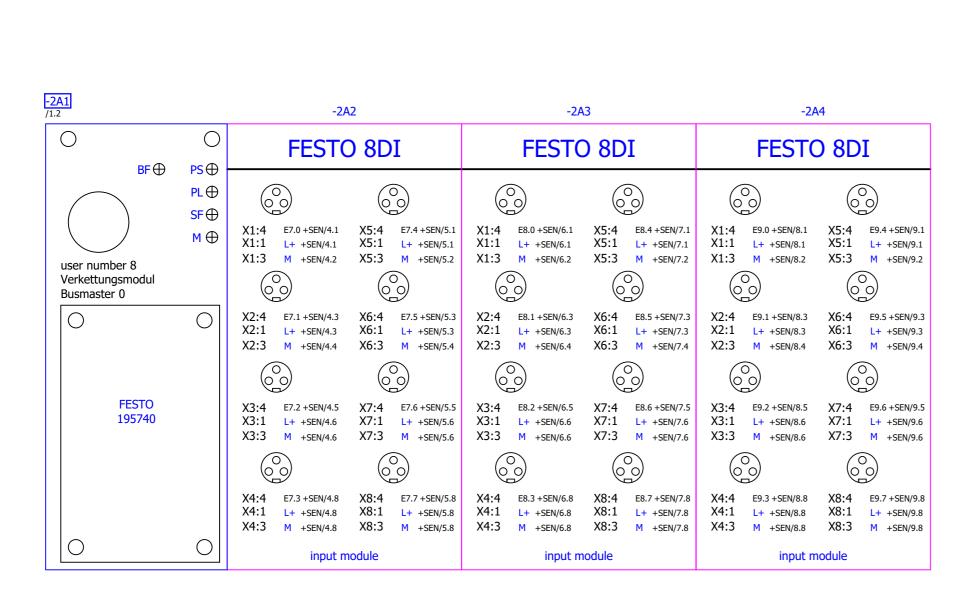
-2A11

Modification

Μ

Printing date 26.07.2019





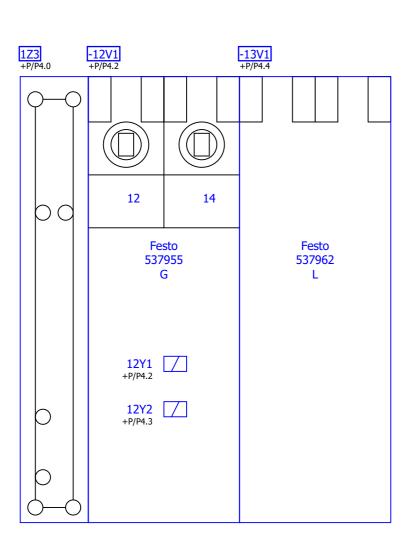
= PowerWeld 2600 & 26.07.2019 Alfred-Nobel-Str. 55-57 CPX **Tandem Diabetes** LQ250QS-1919-0152 erhan.coskun 90765 Fürth + CPX www.lpkf-laserwelding.com Laser & Electronics Drawing number PowerWeld 2600 19\_V1919-0152\_en Modification Printing date 26.07.2019 page

+P/P1.0 +P/P2.0 -1V1 +P/P1.1 -2V1 +P/P1.4 -3V1 +P/P1.7 -4V1 +P/P1.8 -5V1 +P/P2.2 -6V1 +P/P2.3 -7V1 +P/P2.6 -8V1 +P/P2.8 -9V1 +P/P3.2 -10V1 +P/P3.4 -11V1 +P/P3.7  $\bigcirc$ Festo 0 12 14 Festo 533347 K Festo 537955 G Festo 533345 G Festo 533342 M Festo 533345 G Festo 533343 J Festo 542219 Festo 556840 Festo 533351 Festo 533351 Festo 537962 HS L L -10Y1 / -1Z2 +P/P3.1 -4Y2 / -5Y2 / +P/P1.9 +P/P2.2 -10Y2 +P/P3.5  $\bigcirc$ 

9

26.07.2019 Alfred-Nobel-Str. 55-57 = PowerWeld 2600 & CPX LQ250QS-1919-0152 Tandem Diabetes 90765 Fürth + CPX erhan.coskun Laser & Electronics www.lpkf-laserwelding.com Drawing number tested PowerWeld 2600 page 61 from 119 19\_V1919-0152\_en Modification date Printing date 26.07.2019

0 1 2 3 4 5 6 7 8 9



Alfred-Nobel-Str. 55-57 90765 Fürth Www.lpkf-laserwelding.com SER.-NR. LQ250QS-1919-0152 26.07.2019 СРХ = PowerWeld 2600 & Tandem Diabetes + CPX User erhan.coskun Drawing number 19\_V1919-0152\_en tested page 4 page 62 from 119 PowerWeld 2600 Modification date Printing date 26.07.2019

0 1 2 3 4 5 6 7 8 9

PLC diagram

LQ\_F19\_002

	Project Tandem_19_V1919_0152_en											
ВМК	Terminal	Connection point designation	Address	page	Function text	Symbolic address						
-2A1	BUS IN			/1.3								
-2A1	BUS OUT			/1.3								
-2A1				/1.3								
-2A1				+UE/PB1.6								

PLC diagram

				Projec	t Tandem_19_V1919_0152_en	
ВМК	Terminal	Connection point designation	Address	page	Function text	Symbolic address
-2A2	X1:1	L+		+SEN/4.1		
-2A2	X1:3	М		+SEN/4.2		
-2A2	X1:4	DI	E7.0	+SEN/4.1	CPX - module 1 - 8 DI - lifting unit down basic position	S_HUPO_GS
-2A2	X2:1	L+		+SEN/4.3		
-2A2	X2:3	М		+SEN/4.4		
-2A2	X2:4	DI	E7.1	+SEN/4.3	CPX - module 1 - 8 DI - lifting unit up work position	S_HUPO_AS
-2A2	X3:1	L+		+SEN/4.6		
-2A2	X3:3	М		+SEN/4.6		
-2A2	X3:4	DI	E7.2	+SEN/4.5	CPX - module 1 - 8 DI - pressure unit shut down work position	S_DE_AS
-2A2	X4:1	L+		+SEN/4.8		
-2A2	X4:3	М		+SEN/4.8		
-2A2	X4:4	DI	E7.3	+SEN/4.8	CPX - module 1 - 8 DI - pressure unit powered-on basic position	S_DE_GS
-2A2	X5:1	L+		+SEN/5.1		
-2A2	X5:3	М		+SEN/5.2		
-2A2	X5:4	DI	E7.4	+SEN/5.1	CPX - module 1 - 8 DI - interlocking rotary table down work position	S_RT_VE_AS
-2A2	X6:1	L+		+SEN/5.3		
-2A2	X6:3	М		+SEN/5.4		
-2A2	X6:4	DI	E7.5	+SEN/5.3	CPX - module 1 - 8 DI - interlocking rotary table up basic position	S_RT_VE_GS
-2A2	X7:1	L+		+SEN/5.6		
-2A2	X7:3	М		+SEN/5.6		
-2A2	X7:4	DI	E7.6	+SEN/5.5	CPX - module 1 - 8 DI - position rotary table nest 1 inside	S_RT_Nest_1
-2A2	X8:1	L+		+SEN/5.8		
-2A2	X8:3	М		+SEN/5.8		
-2A2	X8:4	DI	E7.7	+SEN/5.8	CPX - module 1 - 8 DI - position rotary table nest 2 inside	S_RT_Nest_2

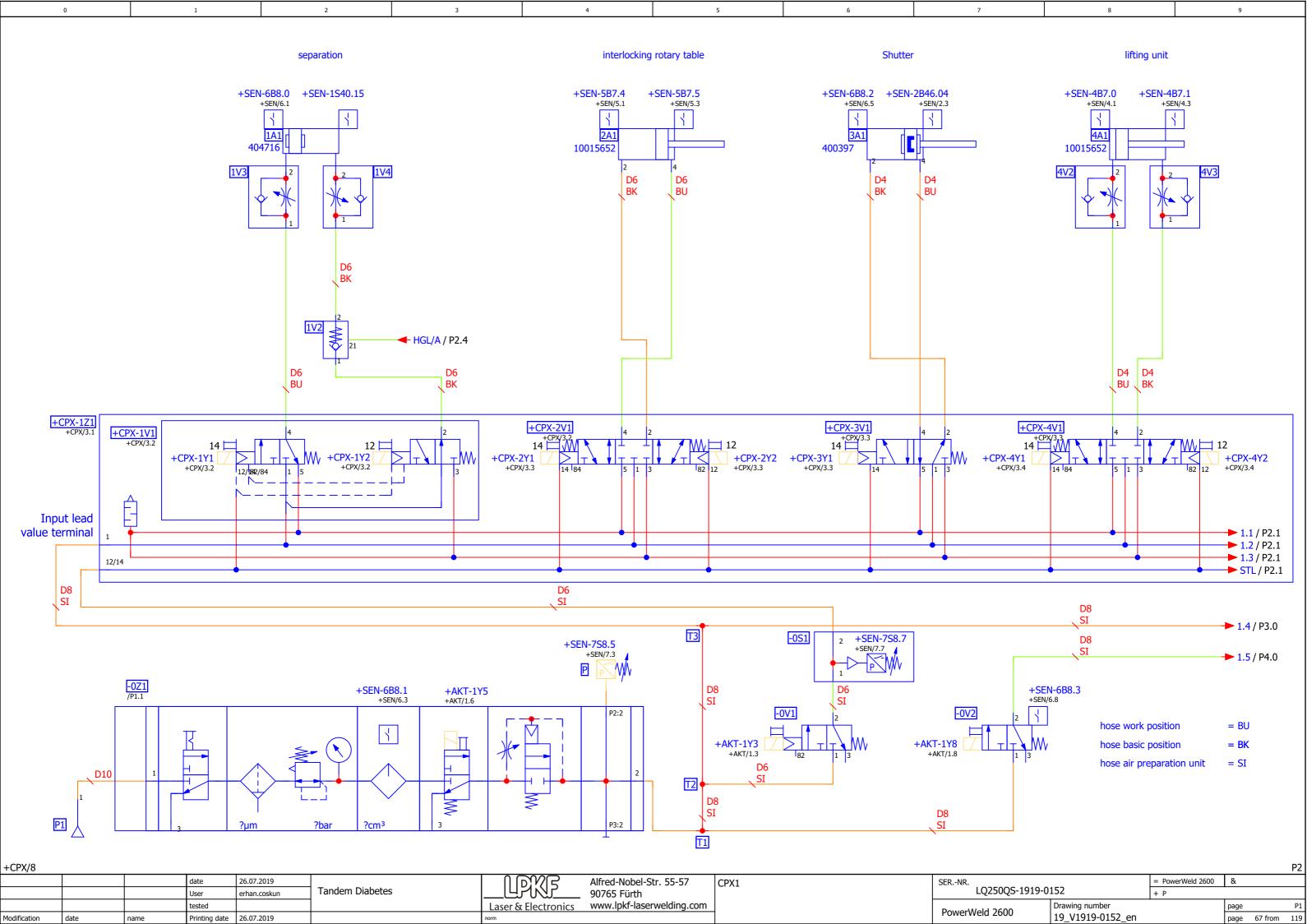
	<u> </u>	1		,	ect Tandem_19_V1919_0152_en	
ВМК	Terminal	Connection point designation	Address	page	Function text	Symbolic address
-2A3	X1:1	L+		+SEN/6.1		
-2A3	X1:3	М		+SEN/6.2		
-2A3	X1:4	DI	E8.0	+SEN/6.1	CPX - module 2 - 8 DI - separation open basic position	S_Schott_GS
-2A3	X2:1	L+		+SEN/6.3		
-2A3	X2:3	М		+SEN/6.4		
-2A3	X2:4	DI	E8.1	+SEN/6.3	CPX - module 2 - 8 DI - HV control voltage feedback loop	E_SPG2_HV_Rück
-2A3	X3:1	L+		+SEN/6.6		
-2A3	X3:3	М		+SEN/6.6		
-2A3	X3:4	DI	E8.2	+SEN/6.5	CPX - module 2 - 8 DI - shutter open work position	E_SH_AS
-2A3	X4:1	L+		+SEN/6.8		
-2A3	X4:3	М		+SEN/6.8		
-2A3	X4:4	DI	E8.3	+SEN/6.8	CPX - module 2 - 8 DI - HV dial table feedback loop	E_SPG2_RT_Rück
-2A3	X5:1	L+		+SEN/7.1		
-2A3	X5:3	М		+SEN/7.2		
-2A3	X5:4	DI	E8.4	+SEN/7.1	CPX - module 2 - 8 DI - Temperature shutter	S_Shutter1_Temp.
-2A3	X6:1	L+		+SEN/7.3		
-2A3	X6:3	М		+SEN/7.4		
-2A3	X6:4	DI	E8.5	+SEN/7.3	CPX - module 2 - 8 DI - input pressure OK	E_air
-2A3	X7:1	L+		+SEN/7.6		
-2A3	X7:3	М		+SEN/7.6		
-2A3	X7:4	DI	E8.6	+SEN/7.5	CPX - module 2 - 8 DI - air cooling	S_Luftkühlung
-2A3	X8:1	L+		+SEN/7.8		
-2A3	X8:3	М		+SEN/7.8		
_2A2						

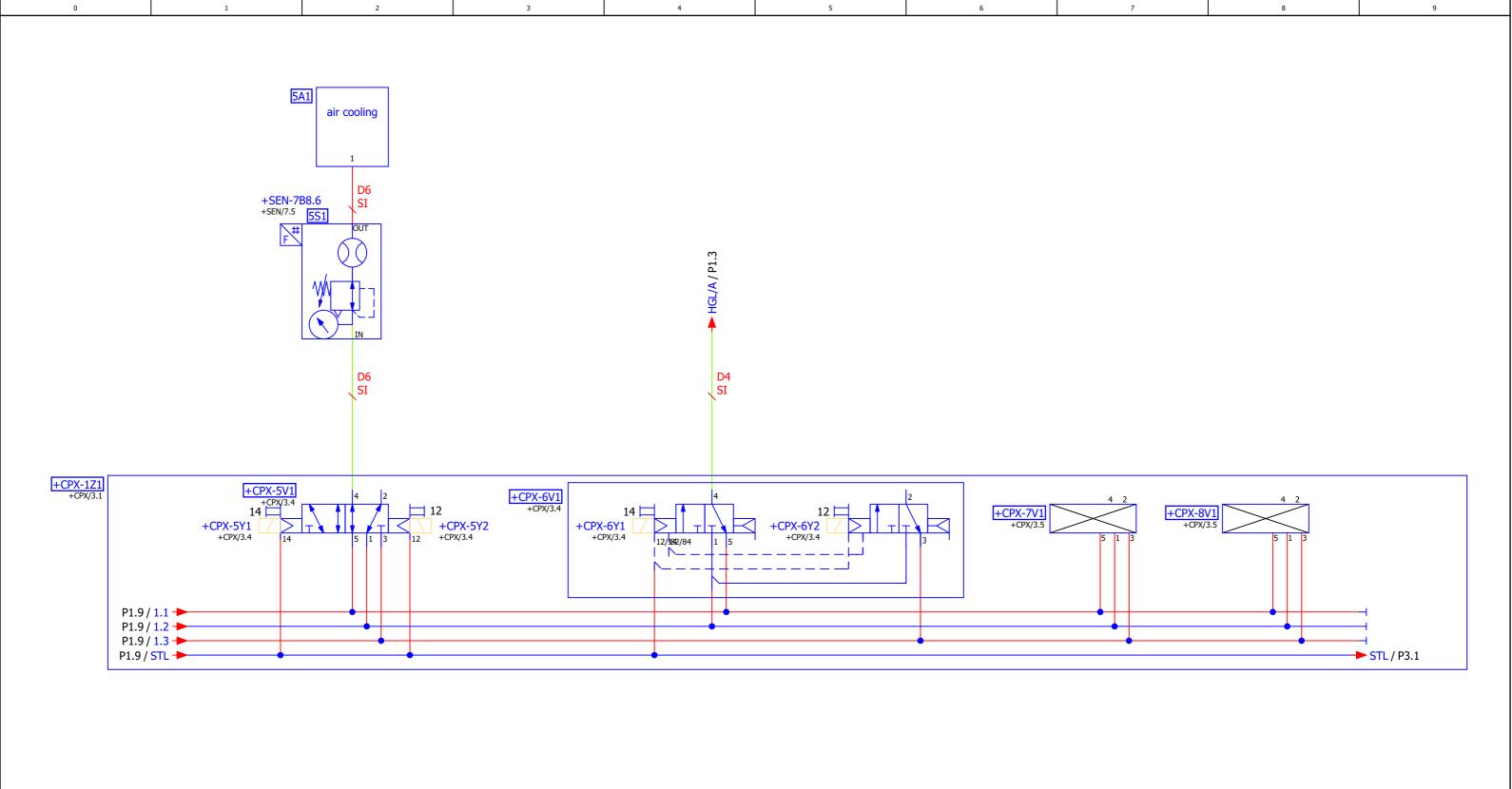
ation	date	date User tested	26.07.2019 erhan.coskun ate 26.07.2019	Tandem Diabetes	La		Alfred-Nobel-Str. 55-57 90765 Fürth www.lpkf-laserwelding.com	PLC diagram : =PowerWeld 2600+CPX-2A3 - =PowerWeld 2600+CPX-2A3	SERNR. LQ250QS-1919-0	0152 Drawing number 19_V1919-0152_en		& page page 65 from
				Tandem Diabetes		LPKF	90765 Fürth		SERNR. LQ250QS-1919-0			&
	T T	date	26.07.2019	<u> </u>		U WWG	Alfred-Nobel-Str. 55-57	PLC diagram: =PowerWeld 2600+CPY-243 -	SERNR.		= PowerWeld 2600	&
-2A3	.3	X8:4		DI	E8.7	+SEN	/7.8 CPX - module	2 - 8 DI -control air feedback loop	S_S	Steuerluft		
-2A3	رة 	X8:3		М		+SEN	/7.8					
-2A3	.3	X8:1		L+		+SEN	/7.8					
-2A3	.3	X7:4		DI	E8.6	+SEN	/7.5 CPX - module	2 - 8 DI - air cooling	S_L	uftkühlung		
-2A3	·3	X7:3		М		+SEN	/7.6					
1	.3	X7:1		L+		+SEN	/7.6					
-2A3				DI	E8.5	+SEN	/7.3 CPX - module	2 - 8 DI - input pressure OK	E_a	nir		

### Project Tandem\_19\_V1919\_0152\_en **BMK** Connection point designation Symbolic address **Terminal** Address Function text page -2A4 X1:1 +SEN/8.1 -2A4 X1:3 +SEN/8.2 -2A4 DI E9.0 X1:4 +SEN/8.1 CPX - module 3 - 8 DI - encoding tool Bit1 S\_WT\_CODE\_1 -2A4 X2:1 L+ +SEN/8.3 -2A4 X2:3 Μ +SEN/8.4 -2A4 X2:4 DI E9.1 +SEN/8.3 S\_WT\_CODE\_2 CPX - module 3 - 8 DI - encoding tool Bit2 -2A4 X3:1 +SEN/8.6 L+ -2A4 X3:3 Μ +SEN/8.6 -2A4 X3:4 DI E9.2 +SEN/8.5 CPX - module 3 - 8 DI - encoding tool Bit3 S\_WT\_CODE\_3 -2A4 L+ +SEN/8.8 X4:1 -2A4 +SEN/8.8 X4:3 Μ -2A4 X4:4 DI E9.3 +SEN/8.8 CPX - module 3 - 8 DI - encoding tool Bit4 S\_WT\_CODE\_4 -2A4 X5:1 L+ +SEN/9.1 -2A4 X5:3 Μ +SEN/9.2 -2A4 X5:4 DI E9.4 +SEN/9.1 CPX - module 3 - 8 DI - encoding clamping frame Bit1 S\_SB\_CODE\_1 -2A4 X6:1 L+ +SEN/9.3 -2A4 Μ +SEN/9.4 X6:3 -2A4 CPX - module 3 - 8 DI - encoding clamping frame Bit2 X6:4 DI E9.5 +SEN/9.3 S\_SB\_CODE\_2 -2A4 X7:1 L+ +SEN/9.6 -2A4 X7:3 Μ +SEN/9.6 -2A4 X7:4 DI E9.6 +SEN/9.5 CPX - module 3 - 8 DI - encoding clamping frame Bit3 S\_SB\_CODE\_3

-2A4 X8:1 L+ +SEN/9.8 -2A4 X8:3 Μ +SEN/9.8 -2A4 E9.7 X8:4 DI +SEN/9.8 S\_SB\_CODE\_4 CPX - module 3 - 8 DI - encoding clamping frame Bit4

= PowerWeld 2600 & 26.07.2019 Alfred-Nobel-Str. 55-57 PLC diagram: =PowerWeld 2600+CPX-2A4 -**Tandem Diabetes** LQ250QS-1919-0152 erhan.coskun 90765 Fürth + CPX =PowerWeld 2600+CPX-2A4 Laser & Electronics www.lpkf-laserwelding.com Drawing number tested PowerWeld 2600 19\_V1919-0152\_en Modification Printing date 26.07.2019 page 66 from 119





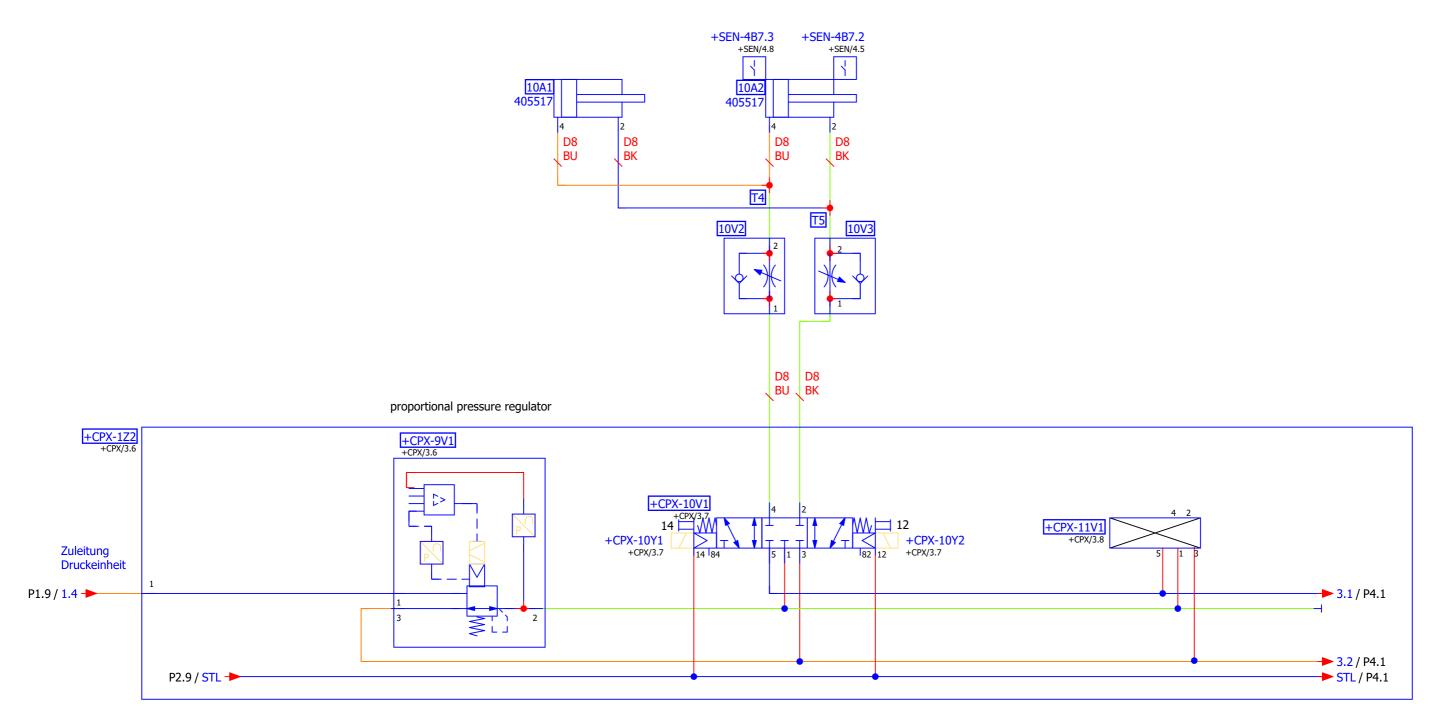
 $\begin{array}{ll} \text{hose work position} & = \text{BU} \\ \text{hose basic position} & = \text{BK} \end{array}$ 

hose air preparation unit = SI

| Alfred-Nobel-Str. 55-57 | CPX 1 | SER.-NR. | LQ250QS-1919-0152 | PowerWeld 2600 | PowerWe

2 6 8 9

### pressure unit

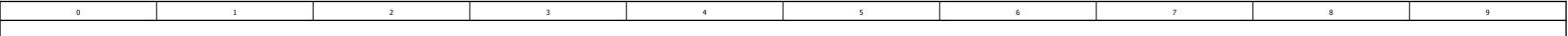


= BU hose work position

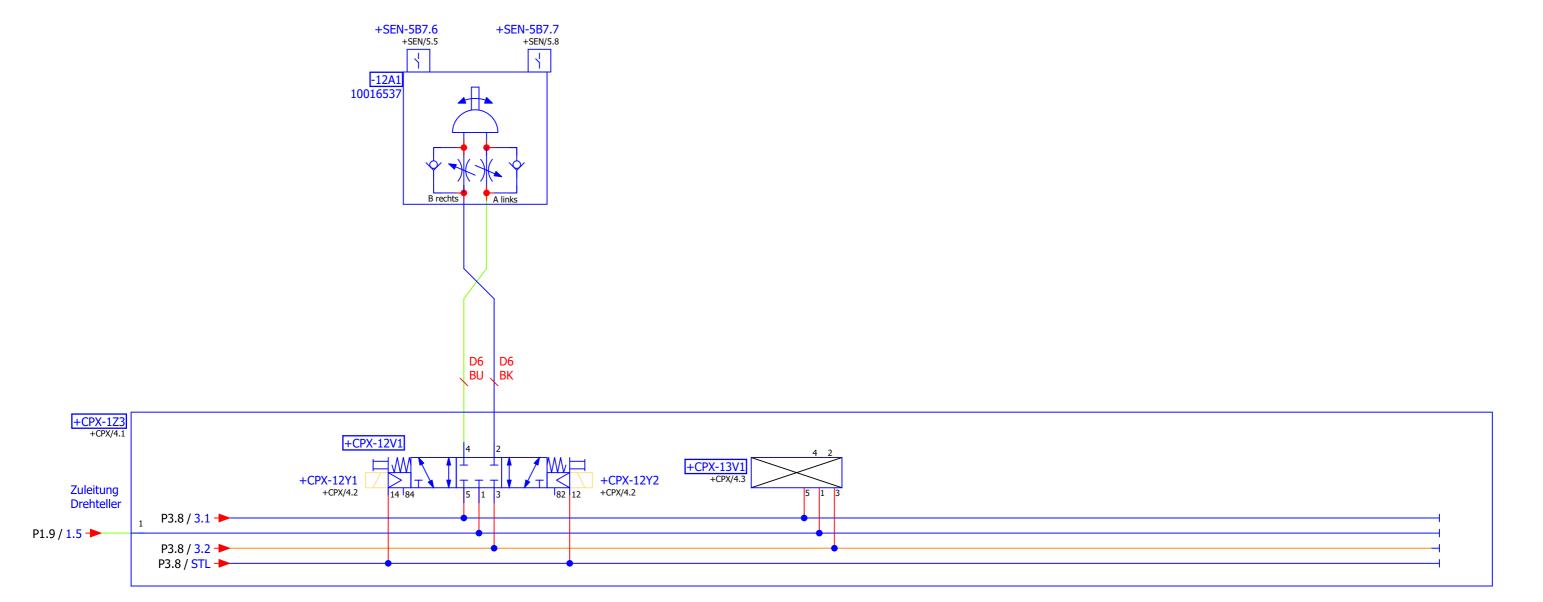
hose basic position = BK

= SI hose air preparation unit

P2						_							P4 J
			date	26.07.2019	Tandem Diabetes	Alfred-Nobel-Str. 55-57 90765 Fürth	CPX 1	SERNR. LQ250QS-1919-0152		= PowerWeld 2600	&		
			User	erhan.coskun						+ P			
			tested			Laser & Electronics	www.lpkf-laserwelding.com		DowarWold 2600	Drawing number		page	P3
Modification	date	name	Printing date	26.07.2019		norm			PowerWeld 2600	19_V1919-0152_en		page 69 from	om 119



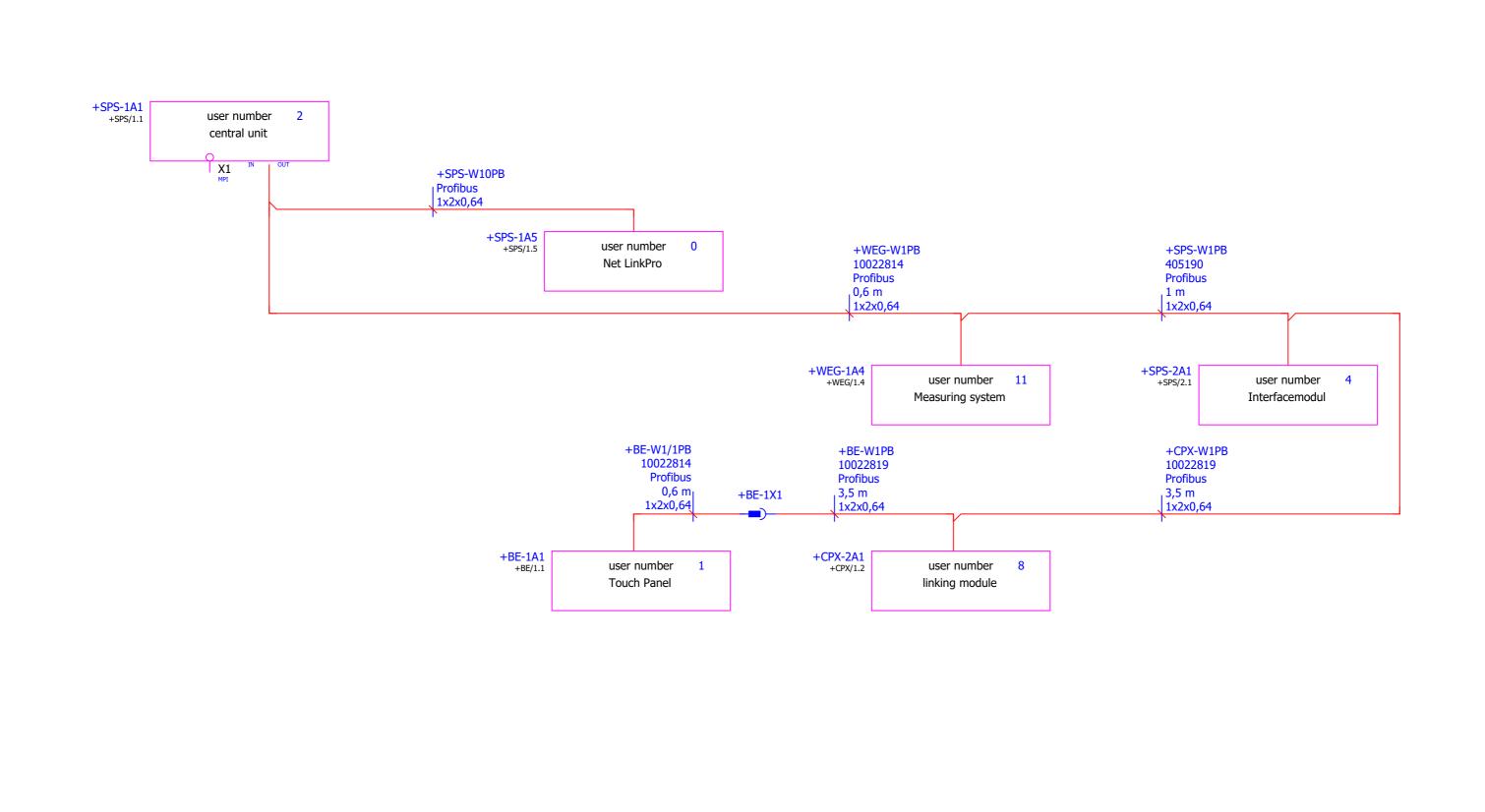
rotary table



= BU hose work position = BK hose basic position

hose air preparation unit = SI

+UE/PB1 Alfred-Nobel-Str. 55-57 90765 Fürth Www.lpkf-laserwelding.com 26.07.2019 = PowerWeld 2600 & CPX 1 LQ250QS-1919-0152 Tandem Diabetes + P erhan.coskun Drawing number tested PowerWeld 2600 19\_V1919-0152\_en page 70 from 119 Printing date 26.07.2019 Modification



8

+P/P4 =STK+/1 26.07.2019 = PowerWeld 2600 & Alfred-Nobel-Str. 55-57 Profibus LQ250QS-1919-0152 Tandem Diabetes 90765 Fürth + UE User erhan.coskun Laser & Electronics www.lpkf-laserwelding.com Drawing number tested PB1 PowerWeld 2600 page 71 from 119 19\_V1919-0152\_en Modification name Printing date 26.07.2019

LQArtikel\_03

## Parts list

Device tag	quantity	marking	LPKF part number	odering number	Manufacturer	part number	Schematic page
=PowerWeld 2600+EIN-X1	4	Durchgangsklemme	10041668	3211797	Phoenix Contact	PXC.3211797	1
=PowerWeld 2600+EIN-X1	2	Durchgangsklemme	10041669	3211802	Phoenix Contact	PXC.3211802	1
=PowerWeld 2600+EIN-X1	2	Schutzleiter-Reihenklemme	10041670	3211809	Phoenix Contact	PXC.3211809	1
=PowerWeld 2600+EIN-X1	2	Abschlussdeckel	10041671	3208979	Phoenix Contact	PXC.3208979	1
=PowerWeld 2600+EIN-X2	6	Durchgangsklemme	10041668	3211797	Phoenix Contact	PXC.3211797	2
=PowerWeld 2600+EIN-X2	5	Abschlussdeckel	10041671	3208979	Phoenix Contact	PXC.3208979	2
=PowerWeld 2600+EIN-X2	5	Durchgangsklemme	10041669	3211802	Phoenix Contact	PXC.3211802	2
=PowerWeld 2600+EIN-X2	5	Schutzleiter-Reihenklemme	10041670	3211809	Phoenix Contact	PXC.3211809	2
=PowerWeld 2600+EIN-1F4	1	F202A-25/0,03 FI-Schutzschalter 2P,Typ A,25A,30mA	10005641	2CSF202101R1250	ABB	ABB.2CSF202101R1250	1
=PowerWeld 2600+EIN-1F5	1	LEITUNGSSCHUTZSCHALTER 240V 14KA, 1POLIG, C, 10A, T=70MM	403373	5SJ4110-7HG41	SIEMENS AG	SIE.5SJ4110-7HG41	1
=PowerWeld 2600+EIN-1S1	1	Hauptschalter Einbau	400675	093452	EATON (Moeller)	MOE.P1-32/EA/SVB-SW/N	1
=PowerWeld 2600+EIN-1W1	1	UL/CSA Steuerleitung H05VV-F/SJT 5G4 mm² OR	10048743	31255	HELUKABEL	HELU.31255	1
=PowerWeld 2600+EIN-1W2	1	UL/CSA Steuerleitung H05VV-F/SJT 5G4 mm² OR	10048743	31255	HELUKABEL	HELU.31255	1
=PowerWeld 2600+EIN-1W3	1	ÖLFLEX CONTROL TM 5G4	10053500	281205	Lappkabel	LAPP.281205	1
=PowerWeld 2600+EIN-1XS1	1	Gehäuse	406225	1771613	Phoenix Contact	PXC.1771613	1
=PowerWeld 2600+EIN-1XS1	1	Gehäuse	10034204	1460123	Phoenix Contact	PXC.1460123	1
=PowerWeld 2600+EIN-1XS1	1	Kontakteinsatz	10055133	1406530	Phoenix Contact	PXC.1406530	1
=PowerWeld 2600+EIN-1XS1	1	Kontakteinsatz	10055130	1406531	Phoenix Contact	PXC.1406531	1
=PowerWeld 2600+EIN-1XS5	1	Steckdose	400130	266875	EATON (Moeller)	MOE.Z-SD230	1
=PowerWeld 2600+VDC-X3	9	Durchgangsklemme	10041639	3208197	Phoenix Contact	PXC.3208197	3
=PowerWeld 2600+VDC-X3	1	Abschlussdeckel	10041641	3208375	Phoenix Contact	PXC.3208375	3
=PowerWeld 2600+VDC-X4	7	Durchgangsklemme	10041639	3208197	Phoenix Contact	PXC.3208197	3
=PowerWeld 2600+VDC-X4	1	Abschlussdeckel	10041641	3208375	Phoenix Contact	PXC.3208375	3

=PowerWeld 2600+UE/PB1

26.07.2019 Tandem Diabetes erhan.coskun tested Modification Printing date 26.07.2019

Alfred-Nobel-Str. 55-57 90765 Fürth www.lpkf-laserwelding.com

Parts list

SER.-NR. LQ250QS-1919-0152 = STK Drawing number 19\_V1919-0152\_en PowerWeld 2600

page 1 page 72 from 119

marking

Durchgangsklemme

quantity

LPKF part number

10041639

Parts list

Device tag =PowerWeld 2600+VDC-X5

1	
Modifi	cat

#### **Tandem Diabetes**

26.07.2019

Printing date 26.07.2019

tested

erhan.coskun

Alfred-Nobel-Str. 55-57 90765 Fürth Www.lpkf-laserwelding.com

Parts list

SER.-NR. LQ250QS-1919-0152 Drawing number PowerWeld 2600 19\_V1919-0152\_en

part number

PXC.3208197

Manufacturer

Phoenix Contact

= STK page page 73 from 119

LQArtikel\_03

Schematic page

					- Notific Contact	FAC.3200197	2
=PowerWeld 2600+VDC-X5	1	Abschlussdeckel	10041641	3208375	Phoenix Contact	PXC.3208375	2
=PowerWeld 2600+VDC-X9/1	2	Durchgangsklemme	10041639	3208197	Phoenix Contact	PXC.3208197	2
=PowerWeld 2600+VDC-X9/1	1	Abschlussdeckel	10041641	3208375	Phoenix Contact	PXC.3208375	2
=PowerWeld 2600+VDC-X9/2	2	Durchgangsklemme	10041639	3208197	Phoenix Contact	PXC.3208197	2
=PowerWeld 2600+VDC-X9/2	1	Abschlussdeckel	10041641	3208375	Phoenix Contact	PXC.3208375	2
=PowerWeld 2600+VDC-X100	6	Durchgangsklemme	10041647	3209578	Phoenix Contact	PXC.3209578	2;3
=PowerWeld 2600+VDC-X100	1	Abschlussdeckel	10001046	3030514	Phoenix Contact	PXC.3030514	3
=PowerWeld 2600+VDC-1F1	1	LEITUNGSSCHUTZSCHALTER 240V 14KA, 1POLIG, C, 6A, T=70MM	403372	5SJ4106-7HG41	SIEMENS AG	SIE.5SJ4106-7HG41	1
=PowerWeld 2600+VDC-1F5	1	LEITUNGSSCHUTZSCHALTER 240V 14KA, 1POLIG, C, 10A, T=70MM	403373	5SJ4110-7HG41	SIEMENS AG	SIE.5SJ4110-7HG41	1
=PowerWeld 2600+VDC-1F5	1	Hilfsschalter	403415	5ST3010-0HG		SIE. 5ST3010-0HG	1
=PowerWeld 2600+VDC-1G1	1	SITOP PSU100S	401524	6EP1333-2BA20	SIEMENS AG	SIE.6EP1333-2BA20	1
=PowerWeld 2600+VDC-1G5	1	LOGO!POWER 5 V Geregelte Stromversorgung	400219	6EP13111SH03	SIEMENS AG	SIE.6EP1311-1SH03	1
=PowerWeld 2600+VDC-1X3	1	Trennklemme	400069	3121025	Phoenix Contact	PXC.GTF 76/ 48	1
=PowerWeld 2600+VDC-2F1	1	LEITUNGSSCHUTZSCHALTER 240V 14KA, 1POLIG, C, 3A, T=70MM	403370	5SJ4103-7HG41	SIEMENS AG	SIE.5SJ4103-7HG41	2
=PowerWeld 2600+VDC-2F3	1	LEITUNGSSCHUTZSCHALTER 240V 14KA, 1POLIG, C, 3A, T=70MM	403370	5SJ4103-7HG41	SIEMENS AG	SIE.5SJ4103-7HG41	2
=PowerWeld 2600+VDC-2F5	1	LEITUNGSSCHUTZSCHALTER 240V 14KA, 1POLIG, C, 3A, T=70MM	403370	5SJ4103-7HG41	SIEMENS AG	SIE.5SJ4103-7HG41	2
=PowerWeld 2600+VDC-2F6	1	LEITUNGSSCHUTZSCHALTER 240V 14KA, 1POLIG, C, 3A, T=70MM	403370	5SJ4103-7HG41	SIEMENS AG	SIE.5SJ4103-7HG41	2
=PowerWeld 2600+VDC-2F8	1	LEITUNGSSCHUTZSCHALTER 240V 14KA, 1POLIG, C, 3A, T=70MM	403370	5SJ4103-7HG41	SIEMENS AG	SIE.5SJ4103-7HG41	2
=PowerWeld 2600+VDC-3F6	1	LEITUNGSSCHUTZSCHALTER 240V 14KA, 1POLIG, C, 3A, T=70MM	403370	5SJ4103-7HG41	SIEMENS AG	SIE.5SJ4103-7HG41	3
=PowerWeld 2600+BEL-X26	1	Doppelstock-Klemme	10043544	3208511	Phoenix Contact	PXC.3208511	1
=PowerWeld 2600+BEL-X26	1	Abschlussdeckel	10043545	3208579	Phoenix Contact	PXC.3208579	1
=PowerWeld 2600+BEL-1H3	1	Gelenkkopfleuchte D45-S	10057578	LMG0548-0001C	DIANA ELECTRONIC - SYSTEME GMBH	DIA.LMG0548-0001C	1
		·		•	,		•

odering number

LQArtikel\_03

#### Parts list

Device tag	quantity	marking	LPKF part number	odering number	Manufacturer	part number	Schematic page
=PowerWeld 2600+BEL-1K1.5	1	Relaismodul	10041674	2903370	Phoenix Contact	PXC.2903370	1
=PowerWeld 2600+BEL-1W3	1	M8 Buchse gew., 3x0,25 5m	10057761	7000-08081-6300500	Murrelektronik	MUR.7000-08081-6300500	1
=PowerWeld 2600+KLI-X2	1	Durchgangsklemme	10041668	3211797	Phoenix Contact	PXC.3211797	1
=PowerWeld 2600+KLI-X2	1	Durchgangsklemme	10041669	3211802	Phoenix Contact	PXC.3211802	1
=PowerWeld 2600+KLI-X2	1	Schutzleiter-Reihenklemme	10041670	3211809	Phoenix Contact	PXC.3211809	1
=PowerWeld 2600+KLI-X2	1	Abschlussdeckel	10041671	3208979	Phoenix Contact	PXC.3208979	1
=PowerWeld 2600+KLI-1F1	1	LEITUNGSSCHUTZSCHALTER 240V 14KA, 1POLIG, C, 6A, T=70MM	403372	5SJ4106-7HG41	SIEMENS AG	SIE.5SJ4106-7HG41	1
=PowerWeld 2600+KLI-1M1/A	1	Filterlüfter 55/66 m3/h, 230 V, 50/60 Hz	401537	3238100	Rittal	RIT.3238100	1
=PowerWeld 2600+KLI-1M1/B	1	Filterlüfter 55/66 m3/h, 230 V, 50/60 Hz	401537	3238100	Rittal	RIT.3238100	1
=PowerWeld 2600+KLI-1W1/A	1	Steuerleitung, UL AWM Style 21098, 3G1,5 / 3x16AWG	403896	0015303	Lappkabel	LAPP.ÖLFLEX 150 QUATTRO 3G1,5	1
=PowerWeld 2600+KLI-1W1/B	1	Steuerleitung, UL AWM Style 21098, 3G1,5 / 3x16AWG	403896	0015303	Lappkabel	LAPP.ÖLFLEX 150 QUATTRO 3G1,5	1
=PowerWeld 2600+LAS-KL1	1	Polycarbonat-Gehäuse PK ohne Vorprägungen, BHT 130x94x81 mm	10057787	9509000	Rittal	RIT.9509000	1
=PowerWeld 2600+LAS-KL1-X10	4	Durchgangsklemme	10041639	3208197	Phoenix Contact	PXC.3208197	1
=PowerWeld 2600+LAS-X2	1	Durchgangsklemme	10041668	3211797	Phoenix Contact	PXC.3211797	1
=PowerWeld 2600+LAS-X2	1	Durchgangsklemme	10041669	3211802	Phoenix Contact	PXC.3211802	1
=PowerWeld 2600+LAS-X2	1	Schutzleiter-Reihenklemme	10041670	3211809	Phoenix Contact	PXC.3211809	1
=PowerWeld 2600+LAS-X2	1	Abschlussdeckel	10041671	3208979	Phoenix Contact	PXC.3208979	1
=PowerWeld 2600+LAS-X6	4	Durchgangsklemme	10041639	3208197	Phoenix Contact	PXC.3208197	3
=PowerWeld 2600+LAS-X6	1	Abschlussdeckel	10041641	3208375	Phoenix Contact	PXC.3208375	3
=PowerWeld 2600+LAS-X7	2	Bauelementenstecker	404625	3036796	Phoenix Contact	PXC.3036796	1
=PowerWeld 2600+LAS-X7	2	Trennklemme	10041665	3210208	Phoenix Contact	PXC.3210208	1
=PowerWeld 2600+LAS-X7	1	Abschlussdeckel	404627	3038590	Phoenix Contact	PXC.3038590	1
=PowerWeld 2600+LAS-X7	5	Durchgangsklemme	10041639	3208197	Phoenix Contact	PXC.3208197	1

Alfred-Nobel-Str. 55-57 90765 Fürth Www.lpkf-laserwelding.com SER.-NR. LQ250QS-1919-0152 26.07.2019 Parts list Tandem Diabetes erhan.coskun Drawing number 19\_V1919-0152\_en tested PowerWeld 2600 Modification Printing date 26.07.2019

page 3 page 74 from 119

Parts list

LQArtikel\_03

Device tag	quantity	marking	LPKF part number	odering number	Manufacturer	part number	Schematic page
=PowerWeld 2600+LAS-X7	1	Abschlussdeckel	10041641	3208375	Phoenix Contact	PXC.3208375	1
=PowerWeld 2600+LAS-1F1	1	LEITUNGSSCHUTZSCHALTER 240V 14KA, 1POLIG, C, 10A, T=70MM	403373	5SJ4110-7HG41	SIEMENS AG	SIE.5SJ4110-7HG41	1
=PowerWeld 2600+LAS-1F1	1	Hilfsschalter	403415	5ST3010-0HG		SIE. 5ST3010-0HG	1
=PowerWeld 2600+LAS-1G4	1	Schaltnetzteil	405703	PBA600F-48	Cosel	COS.PBA600F-48	1
=PowerWeld 2600+LAS-1G4	1	Steckersatz mit Leitung 10 polig	405879	H-SN-20	Cosel	COS.H-SN-20	1
=PowerWeld 2600+LAS-1G4	1	Stecker 8 polig für Cosel Remote	10033235	H-SN-22	Cosel	COS.H-SN-22	1
=PowerWeld 2600+LAS-1R1	1	Bauelementenstecker	404625	3036796	Phoenix Contact	PXC.3036796	1
=PowerWeld 2600+LAS-1R1	1	Trennklemme	10041665	3210208	Phoenix Contact	PXC.3210208	1
=PowerWeld 2600+LAS-1R1	1	Hochlast-Widerstand 8,2Ω	10056231	401889 - 62	VITROHM HOLDING GmbH	VIT.401889 - 62	1
=PowerWeld 2600+LAS-1R2	1	Bauelementenstecker	404625	3036796	Phoenix Contact	PXC.3036796	1
=PowerWeld 2600+LAS-1R2	1	Trennklemme	10041665	3210208	Phoenix Contact	PXC.3210208	1
=PowerWeld 2600+LAS-1R2	1	Hochlast-Widerstand 8,2Ω	10056231	401889 - 62	VITROHM HOLDING GmbH	VIT.401889 - 62	1
=PowerWeld 2600+LAS-1W4	1	ÖLFLEX 150 QUATTRO 3G2,5	10020192	0015403	Lappkabel	LAPP.0015403	1
=PowerWeld 2600+LAS-1W5	0	Steuerleitung, UL AWM Style 21098, 3G1,5 / 3x16AWG	403896	0015303	Lappkabel	LAPP.ÖLFLEX 150 QUATTRO 3G1,5	1
=PowerWeld 2600+LAS-1W6	1	Datenleitung UNITRONIC® LiYY A 5xAWG24/7, (5 x 0,23)	403881	0022505	Lappkabel	LAPP.LiYY_A 5xAWG24/7	1
=PowerWeld 2600+LAS-2K0.3	1	SCHUETZ, AC-3, 3KW/400V, 10E, DC 24V,	10065261	3RT20152BB42	SIEMENS AG	SIE.3RT2015-2BB42	2
=PowerWeld 2600+LAS-2K0.3	1	RC- Schaltgeräteentstörmodul 24/48 V AC/DC	10059961	2000-68500-4300000	Murrelektronik	MUR.2000-68500-4300000	2
=PowerWeld 2600+LAS-2V0.2	1	Solid-State-Relais einphasig	10001526	RGC1A23D15KKE	Carlo Gavazzi	CAR.RGC1A23D15KKE	2
=PowerWeld 2600+LAS-3A1	1	Diodenlaser 250W	10054794	DLM-250-LPKF	IPG	IPG.DLM-250-LPKF	3
=PowerWeld 2600+LAS-3A1	1	D-Sub Gehäuse Vollmetall, 25-polig	10022909	6560-0137-03	ELEKTRO-VERTRIEBS-GESELLSCHAFT MARTENS	EVG.6560-0137-03	3
=PowerWeld 2600+LAS-3A1	1	D-Sub Buchse 25-polig	400839	L77DB25S	Amphenol-Tuchel	ATE.L77DB25S	3
=PowerWeld 2600+LAS-3W1	1	Datenleitung UNITRONIC® LiYCY A 5xAWG24/7, (5 x 0,23)	403885	0044655	Lappkabel	LAPP.LiYCY_A 5xAWG24/7	3
=PowerWeld 2600+LAS-3W3	1	Patchkabel 7,5m	407101	4515211		LEO.LK97KS50006	3

| Mate | SER.-NR. | LQ250QS-1919-0152 | SER.-NR. | LQ250QS-191

Modification

Printing date 26.07.2019

LQArtikel\_03

#### Parts list

Device tag	quantity	marking	LPKF part number	odering number	Manufacturer	part number	Schematic page		
=PowerWeld 2600+SCN-X11	11	Doppelstock-Klemme	10043544	3208511	Phoenix Contact	PXC.3208511	1;2		
=PowerWeld 2600+SCN-X11	1	Abschlussdeckel	10043545	3208579	Phoenix Contact	PXC.3208579	2		
=PowerWeld 2600+SCN-1A1	1	Scannerkarte (elektrisch+mechanisch) mit PC	10012843	10012843	LPKF LW	LPKF LW.SP-ICE IM GEHÄUSE	1		
=PowerWeld 2600+SCN-1K3	1	Optokoppler	405383	6652502	Murrelektronik	MUR.6652502	1		
=PowerWeld 2600+SCN-1K4	1	Optokoppler	405383	6652502	Murrelektronik	MUR.6652502	1		
=PowerWeld 2600+SCN-1W1	1	Steuerleitung, UL AWM Style 21098, 5G0,5 / 5x21AWG	403891	0015005	Lappkabel	LAPP.ÖLFLEX 150 QUATTRO 5G0,5	1		
=PowerWeld 2600+SCN-1W2	1	Datenleitung UNITRONIC® LiYCY A 12xAWG24/7, (12 x 0,23)	403887	0044662	Lappkabel	LAPP.LIYCY_A 12xAWG24/7	1		
=PowerWeld 2600+SCN-1W3	1	Datenleitung UNITRONIC® LIYCY A 8xAWG24/7, (8 x 0,23)	403886	0044658	Lappkabel	LAPP.LIYCY_A 8xAWG24/7	1		
=PowerWeld 2600+SCN-2A1	1	Scanner	10015329	M0000005801	RAYLASE AG	RAY.M0000005801	2		
=PowerWeld 2600+SCN-2A1	1	Scannerkabel	10027222	Y-Kabel_5m	A. Schweiger GmbH	SCHW.Y-Kabel_5m	2		
=PowerWeld 2600+SCN-2F1	1	LEITUNGSSCHUTZSCHALTER 240V 14KA, 1POLIG, C, 6A, T=70MM	403372	5SJ4106-7HG41	SIEMENS AG	SIE.5SJ4106-7HG41	2		
=PowerWeld 2600+SCN-2F1	1	Hilfsschalter	403415	5ST3010-0HG		SIE. 5ST3010-0HG	2		
=PowerWeld 2600+SCN-2G1	1	SITOP POWER DUAL 15 V GEREGELTE STROMVERSORGUNG	400210	6EP13530AA00	SIEMENS AG	SIE.6EP1353-0AA00	2		
=PowerWeld 2600+SCN-2K0.5	1	Relaismodul	10041674	2903370	Phoenix Contact	PXC.2903370	2		
=PowerWeld 2600+SCN-2K0.6	1	Relaismodul	10041674	2903370	Phoenix Contact	PXC.2903370	2		
=PowerWeld 2600+SCN-2W1/A	1	UNITRONIC FD CP plus 10X0,34		0028903	Lappkabel	LAPP.0028903	2		
=PowerWeld 2600+SCN-2W1/B	1	Daten-Kabel				Daten-Kabel	2		
=PowerWeld 2600+PC-XPE1	1	Schutzleiter-Reihenklemme	10041640	3208333	Phoenix Contact	PXC.3208333	3		
=PowerWeld 2600+PC-XPE1	1	Abschlussdeckel	10041641	3208375	Phoenix Contact	PXC.3208375	3		
=PowerWeld 2600+PC-XPE2	1	Schutzleiter-Reihenklemme	10041640	3208333	Phoenix Contact	PXC.3208333	3		
=PowerWeld 2600+PC-XPE2	1	Abschlussdeckel	10041641	3208375	Phoenix Contact	PXC.3208375	3		
=PowerWeld 2600+PC-1F1	1	LEITUNGSSCHUTZSCHALTER 240V 14KA, 1POLIG, C, 10A, T=70MM	403373	5SJ4110-7HG41	SIEMENS AG	SIE.5SJ4110-7HG41	1		
=PowerWeld 2600+PC-1G1	1	SITOP PSU100S	400678	6EP1334-2BA20	SIEMENS AG	SIE.6EP1334-2BA20	1		

Alfred-Nobel-Str. 55-57 90765 Fürth www.lpkf-laserwelding.com SER.-NR. LQ250QS-1919-0152 26.07.2019 Parts list Tandem Diabetes erhan.coskun Drawing number 19\_V1919-0152\_en page 5 page 76 from 119 tested PowerWeld 2600

LQArtikel\_03

#### Parts list

Device tag	quantity	marking	LPKF part number	odering number	Manufacturer	part number	Schematic page				
=PowerWeld 2600+PC-2A1	1	SITOP AKKUMODUL 24 V/3,2 AH MIT WARTUNGSFREIEN	406847	6EP19356MD11	Siemens AG	SIE.6EP1935-6MD11	2				
=PowerWeld 2600+PC-2A3	1	SITOP DC-USV-MODUL 24 V/6 A UNTERBRECHUNGSFREIE	406846	6EP19312DC42	Siemens AG	SIE.6EP1931-2DC42	2				
=PowerWeld 2600+PC-2K2	1	Relaismodul	10041675	2903334	Phoenix Contact	PXC.2903334	2				
=PowerWeld 2600+PC-2W1	1	ÖLFLEX 150 QUATTRO 3G2,5	10020192	0015403	Lappkabel	LAPP.0015403	2				
=PowerWeld 2600+PC-3A1	1	24V Industrie-PC	10075323	ARK-3500P-00A1E/000x	Advantech	ADV.ARKARK-3500P-00A1E	3				
=PowerWeld 2600+PC-3A1	3	D-Sub Buchse 9polig	10061079	28603.1	EFB ELEKTRONIK GMBH	EFB.28603.1	3				
=PowerWeld 2600+PC-3A1	3	D-Sub Gehäuse Vollmetall, 9-polig	10022907	6560-0137-01	ELEKTRO-VERTRIEBS-GESELLSCHAFT MARTENS	EVG.6560-0137-01	3				
=PowerWeld 2600+PC-3A1	1	Windows10,Pro 64bit en	10073446	Windows10 Pro 64bit OEM	Microsoft	MIC.Windows10 Pro 64bit_en	3				
=PowerWeld 2600+PC-3A1	1	SIMATIC NET SOFTNET-IE S7 LEAN V13	10062676	6GK1704-1LW13-0AA0	SIEMENS AG	SIE.6GK1704-1LW13-0AA0	3				
=PowerWeld 2600+PC-3A4	1	Webcam	10012606	960-000760	LOGITECH	LOG.960-000760	3				
=PowerWeld 2600+PC-3A7	1	Wireless Touch Keyboard k400 Plus UK	10056387	920-007143	LOGITECH	Log.920-007143	3				
=PowerWeld 2600+PC-3A14	1	TFT Monitor mit Full-HD Auflösung	10076596		Wortmann	WOR.3031225	3				
=PowerWeld 2600+PC-3V14	1	Klappferrit mit Verschlusskontrolle	10057869	74275813	Würth Elektronik eiSos GmbH & Co. KG	WUE. 74275813	3				
=PowerWeld 2600+PC-3W1	1	Steuerleitung, UL AWM Style 21098, 3G0,75 / 3x19AWG	403895	0015103	Lappkabel	LAPP.ÖLFLEX 150 QUATTRO 3G0,75	3				
=PowerWeld 2600+PC-3W4/1	1	Typ A M/F schwarz 3m	10000193	31856	LINDY Electronik GmbH	LIN.31856	3				
=PowerWeld 2600+PC-3W6	1	A-Male/B-Male, 5m	406892	31847	LINDY Electronik GmbH	LIN.31847	3				
=PowerWeld 2600+PC-3W7	1	Typ A M/F schwarz 3m	10000193	31856	LINDY Electronik GmbH	LIN.31856	3				
=PowerWeld 2600+PC-3W10	1	RJ45 St.0°/RJ45 St.0° 4,5m	10060035	7000-74301-7960450	Murrelektronik	MUR.7000-74301-7960450	3				
=PowerWeld 2600+PC-3W14/A	1	PVC-Schlauchleitung UL-CSA, HAR, VDE	10040533	32787	HELUKABEL	HELU.32787	3				
=PowerWeld 2600+PC-3W14/B	1	HDMI Kabel 3m	10076206	KAB0135	LINDY Electronik GmbH	K&L.KAB0135	3				
=PowerWeld 2600+PC-3XS2/1	1	USB-Verlängerung 2,0 m Bauform A, mit Wandanschluss	403425	2482230	Rittal	RIT.2482230	3				
=PowerWeld 2600+PC-3XS14/A	1	IEC Kaltgerätesteckdose	406897	4782.0000	Schurter	SCU.BUCHSE4782.0000	3				
=PowerWeld 2600+PC-4W1	1	Datenleitung UNITRONIC® LiYCY A 8xAWG24/7, (8 x 0,23)	403886	0044658	Lappkabel	LAPP.LiYCY_A 8xAWG24/7	4				

Modification

tested

26.07.2019 **Tandem Diabetes** erhan.coskun Printing date 26.07.2019

Alfred-Nobel-Str. 55-57 90765 Fürth www.lpkf-laserwelding.com

Parts list

SER.-NR. LQ250QS-1919-0152 PowerWeld 2600

Drawing number 19\_V1919-0152\_en page 6 page 77 from 119 Parts list

LQArtikel\_03

Device tag	quantity	marking	LPKF part number	odering number	Manufacturer	part number	Schematic page
=PowerWeld 2600+PC-4W5	1	Datenleitung UNITRONIC® LiYCY A 8xAWG24/7, (8 x 0,23)	403886	0044658	Lappkabel	LAPP.LiYCY_A 8xAWG24/7	4
=PowerWeld 2600+WEG-W1PB	1	M12 St. ger. auf M12 Bu. ger. PB 0,6m	10022814	7000-44001-8400060	Murrelektronik	MUR.7000-44001-8400060	1
=PowerWeld 2600+WEG-X12	2	Doppelstock-Klemme	10043544	3208511	Phoenix Contact	PXC.3208511	1
=PowerWeld 2600+WEG-X12	1	Abschlussdeckel	10043545	3208579	Phoenix Contact	PXC.3208579	1
=PowerWeld 2600+WEG-1A2	1	Messverstärker	10035607	GT2-71MCP	KEYENCE	KEY.GT2-71MCP	1
=PowerWeld 2600+WEG-1A3	1	digitaler Messtaster	10033617	GT2-H12	KEYENCE	KEY.GT2-H12	1
=PowerWeld 2600+WEG-1A4	1	Profibuskoppler	10033622	DL-PD1	KEYENCE	KEY.DL-PD1	1
=PowerWeld 2600+WEG-1A4	1	Busanschlussstecker Profibus-Stecker, 35°, ohne PG-Buchse	10022808	40-1291122	ELEKTRO-VERTRIEBS-GESELLSCHAFT MARTENS	EVG.40-1291122	1
=PowerWeld 2600+WEG-1W2	1	Messverstärkerverlängerung 2m	10035608	GT2-CA2M	KEYENCE	KEY.GT2-CA2M	1
=PowerWeld 2600+WEG-1W3	1	Messkopfanschlusskabel	10035475	GT2-CHL5M	KEYENCE	KEY.GT2-CHL5M	1
=PowerWeld 2600+BE-W1/1PB	1	M12 St. ger. auf M12 Bu. 90°C. PB 1,5m	10054165	7000-44011-8400150	Murrelektronik	MUR.7000-44011-8400150	1
=PowerWeld 2600+BE-W1/2PB	1	M12 St. ger. auf M12 Bu. ger. PB 0,6m	10022814	7000-44001-8400060	Murrelektronik	MUR.7000-44001-8400060	1
=PowerWeld 2600+BE-W1PB	1	M12 St. ger. auf M12 Bu. ger. PB 3,5m	10022819	7000-44001-8400350	Murrelektronik	MUR.7000-44001-8400350	1
=PowerWeld 2600+BE-W5	1	Steuerleitung, UL AWM Style 21098, 12G0,5 / 12x21AWG	403893	0015012	Lappkabel	LAPP.ÖLFLEX 150 QUATTRO 12G0,5	2
=PowerWeld 2600+BE-X15	2	Durchgangsklemme	10041639	3208197	Phoenix Contact	PXC.3208197	1
=PowerWeld 2600+BE-X15	1	Schutzleiter-Reihenklemme	10041640	3208333	Phoenix Contact	PXC.3208333	1
=PowerWeld 2600+BE-X15	1	Abschlussdeckel	10041641	3208375	Phoenix Contact	PXC.3208375	1
=PowerWeld 2600+BE-X17	6	Doppelstock-Klemme	10043544	3208511	Phoenix Contact	PXC.3208511	4;5
=PowerWeld 2600+BE-X17	1	Abschlussdeckel	10043545	3208579	Phoenix Contact	PXC.3208579	5
=PowerWeld 2600+BE-X20	5	Doppelstock-Klemme	10043544	3208511	Phoenix Contact	PXC.3208511	2;3
=PowerWeld 2600+BE-X20	1	Abschlussdeckel	10043545	3208579	Phoenix Contact	PXC.3208579	3
=PowerWeld 2600+BE-1A1	1	TP700 COMFORT	10041706	6AV2124-0GC01-0AX0	SIEMENS AG	SIE.6AV2124-0GC01-0AX0	1
=PowerWeld 2600+BE-1A1	1	Busanschlussstecker Profibus-Stecker, 90°, ohne PG-Buchse	10022805	40-1391122	ELEKTRO-VERTRIEBS-GESELLSCHAFT MARTENS	EVG.40-1391122	1

\_ .

2

7

LQArtikel\_03

#### Parts list

Device tag	quantity	marking	LPKF part number	odering number	Manufacturer	part number	Schematic page
=PowerWeld 2600+BE-1A1	1	Gender Changer BU-ST	403190	DSUB9-BU-ST	al-kabelshop	DSUB9-BU-ST	1
=PowerWeld 2600+BE-1A1	1	USB Winkelstecker	10041942	971744 - 62	Conrad Electronic	CON.971744 - 62	1
=PowerWeld 2600+BE-1W5	1	Steuerleitung, UL AWM Style 21098, 3G0,75 / 3x19AWG	403895	0015103	Lappkabel	LAPP.ÖLFLEX 150 QUATTRO 3G0,75	1
=PowerWeld 2600+BE-1W5/1	1	Steuerleitung, UL AWM Style 21098, 3G0,75 / 3x19AWG	403895	0015103	Lappkabel	LAPP.ÖLFLEX 150 QUATTRO 3G0,75	1
=PowerWeld 2600+BE-1X1	1	Schaltschrankdurchführung M12 für PB	401062	7000-44111-0000000	Murrelektronik	MUR.7000-44111-0000000	1
=PowerWeld 2600+BE-1XS1/1	1	Schaltschrankdurchführung M12 für PB	401062	7000-44111-0000000	Murrelektronik	MUR.7000-44111-0000000	1
=PowerWeld 2600+BE-1XS3	1	USB-Verlängerung 2,0 m Bauform A, mit Wandanschluss	403425	2482230	Rittal	RIT.2482230	1
=PowerWeld 2600+BE-1XS5	1	Stecker, M12, 5polig, gerade, Schraubklemme	405490	7000-12761-0000000	Murrelektronik	MUR.7000-12761-0000000	1
=PowerWeld 2600+BE-1XS5	1	Buchse, M12, 5polig, gerade, Schraubklemme	405491	7000-12961-0000000	Murrelektronik	MUR.7000-12961-0000000	1
=PowerWeld 2600+BE-2H1.0	1	Signalampel gelb	10002749	10002749	WERMA Signaltechnik GmbH + CO.KG	WER.Signalampel Gelb	2
=PowerWeld 2600+BE-2H1.1	1	Leuchtmelder grün kpl.	10005331	10005331	Schlegel	SCHL.Leuchtmelder gruen	2
=PowerWeld 2600+BE-2H1.2	1	Leuchtmelder rot kpl.	10005329	10005329	Schlegel	SCHL.Leuchtmelder rot	2
=PowerWeld 2600+BE-2H1.3	1	Leuchtmelder opalweiß kpl.	10005332	10005332	Schlegel	SCHL.Leuchtmelder	2
=PowerWeld 2600+BE-2W1.0	1	UNITRONIC LIYY UL/CSA 2x24/7AWG	403880	0022502	Lappkabel	LAPP.0022502	2
=PowerWeld 2600+BE-3H1.4	1	Leuchtdiode T5,5K blau	10027007	L5,5K24UB	Schlegel	SCHL.L5,5K24UB	3
=PowerWeld 2600+BE-3S0.7	1	Drucktaste	10003845	RRJT	Schlegel	SCHL.RRJT	3
=PowerWeld 2600+BE-3S0.7	1	Leucht-Tastkontaktgeber 2W	10003853	CTL2	Schlegel	SCHL.CTL2	3
=PowerWeld 2600+BE-3S0.7	1	Tasterkappe blau	10003855	T22RRBL	Schlegel	SCHL.T22RRBL	3
=PowerWeld 2600+BE-3S0.7	1	Außenbezeichnungstraeger	406589	RRJABT	Schlegel	SCHL.RRJABT	3
=PowerWeld 2600+BE-4S40.04	1	für PowerWeld	10005333	Not-Aus kpl.	Schlegel	SCHL.NOT-Aus.1	4
=PowerWeld 2600+BE-4W40.04	1	Steuerleitung, UL AWM Style 21098, 5G0,5 / 5x21AWG	403891	0015005	Lappkabel	LAPP.ÖLFLEX 150 QUATTRO 5G0,5	4
=PowerWeld 2600+BE-5A40.26	1	optischer Taster	10020920	3064290	THURCK	THU.STBVP6	5
=PowerWeld 2600+BE-5A40.37	1	optischer Taster	10020920	3064290	THURCK	THU.STBVP6	5

Parts list

LQArtikel\_03

Device tag	quantity	marking	LPKF part number	odering number	Manufacturer	part number	Schematic page
=PowerWeld 2600+BE-5W40.26/1	1	M12 Buchse 5x0,34 7,5m	10045553	7000-12241-6350750	Murrelektronik	MUR.7000-12241-6350750	5
=PowerWeld 2600+BE-5W40.37/1	1	M12 Buchse 5x0,34 7,5m	10045553	7000-12241-6350750	Murrelektronik	MUR.7000-12241-6350750	5
=PowerWeld 2600+BE-5XS40.26	1	Stecker, M12, 5polig, gerade, Schraubklemme	405490	7000-12761-0000000	Murrelektronik	MUR.7000-12761-0000000	5
=PowerWeld 2600+BE-5XS40.37	1	Stecker, M12, 5polig, gerade, Schraubklemme	405490	7000-12761-0000000	Murrelektronik	MUR.7000-12761-0000000	5
=PowerWeld 2600+NIO-X18	2	Doppelstock-Klemme	10043544	3208511	Phoenix Contact	PXC.3208511	1
=PowerWeld 2600+NIO-X18	1	Abschlussdeckel	10043545	3208579	Phoenix Contact	PXC.3208579	1
=PowerWeld 2600+NIO-X18	1	Schutzleiter-Reihenklemme	10041640	3208333	Phoenix Contact	PXC.3208333	1
=PowerWeld 2600+NIO-X18	1	Abschlussdeckel	10041641	3208375	Phoenix Contact	PXC.3208375	1
=PowerWeld 2600+NIO-1W1	1	ÖLFLEX 150 QUATTRO 5G1	10001783	0015205	Lappkabel	LAPP.0015205	1
=PowerWeld 2600+NIO-1XS1	1	Gehäuse	10020464	1645464	Phoenix Contact	PXC.1645464	1
=PowerWeld 2600+NIO-1XS1	1	Kontakteinsatz	10020468	1648128	Phoenix Contact	PXC.1648128	1
=PowerWeld 2600+FDO-1K20.0/A	1	SCHUETZ, AC-3, 3KW/400V, 10E, DC 24V,	10065261	3RT20152BB42	SIEMENS AG	SIE.3RT2015-2BB42	1
=PowerWeld 2600+FDO-1K20.0/A	1	HILFSSCHALTERBLOCK , 2S+2Ö	10004561	3RH29112FA22	SIEMENS AG	SIE.3RH2911-2FA22	1
=PowerWeld 2600+FDO-1K20.0/A	1	RC- Schaltgeräteentstörmodul 24/48 V AC/DC	10059961	2000-68500-4300000	Murrelektronik	MUR.2000-68500-4300000	1
=PowerWeld 2600+FDO-1K20.0/B	1	SCHUETZ, AC-3, 3KW/400V, 10E, DC 24V,	10065261	3RT20152BB42	SIEMENS AG	SIE.3RT2015-2BB42	1
=PowerWeld 2600+FDO-1K20.0/B	1	HILFSSCHALTERBLOCK , 2S+2Ö	10004561	3RH29112FA22	SIEMENS AG	SIE.3RH2911-2FA22	1
=PowerWeld 2600+FDO-1K20.0/B	1	RC- Schaltgeräteentstörmodul 24/48 V AC/DC	10059961	2000-68500-4300000	Murrelektronik	MUR.2000-68500-4300000	1
=PowerWeld 2600+FDO-1K20.2/A	1	SCHUETZ, AC-3, 3KW/400V, 10E, DC 24V,	10065261	3RT20152BB42	SIEMENS AG	SIE.3RT2015-2BB42	1
=PowerWeld 2600+FDO-1K20.2/A	1	RC- Schaltgeräteentstörmodul 24/48 V AC/DC	10059961	2000-68500-4300000	Murrelektronik	MUR.2000-68500-4300000	1
=PowerWeld 2600+FDO-1K20.2/B	1	SCHUETZ, AC-3, 3KW/400V, 10E, DC 24V,	10065261	3RT20152BB42	SIEMENS AG	SIE.3RT2015-2BB42	1
=PowerWeld 2600+FDO-1K20.2/B	1	RC- Schaltgeräteentstörmodul 24/48 V AC/DC	10059961	2000-68500-4300000	Murrelektronik	MUR.2000-68500-4300000	1
=PowerWeld 2600+FDO-1K20.3/A	1	SCHUETZ, AC-3, 3KW/400V, 10E, DC 24V,	10065261	3RT20152BB42	SIEMENS AG	SIE.3RT2015-2BB42	1
=PowerWeld 2600+FDO-1K20.3/A	1	RC- Schaltgeräteentstörmodul 24/48 V AC/DC	10059961	2000-68500-4300000	Murrelektronik	MUR.2000-68500-4300000	1

| Mate | SER.-NR. | LQ250QS-1919-0152 | SER.-NR. | LQ250QS-191

Parts list

Modification

date

name

Printing date 26.07.2019

2 3

LQArtikel\_03

19\_V1919-0152\_en

81 from 119

page

part number odering number marking LPKF part number Manufacturer Schematic page **Device tag** quantity =PowerWeld 2600+FDO-1K20.3/B SCHUETZ, AC-3, 3KW/400V, 10E, DC 24V, 10065261 3RT20152BB42 SIEMENS AG SIE.3RT2015-2BB42 =PowerWeld 2600+FDO-1K20.3/B 1 RC- Schaltgeräteentstörmodul 24/48 V AC/DC 10059961 2000-68500-4300000 Murrelektronik MUR.2000-68500-4300000 =PowerWeld 2600+SEN-X18 18 Doppelstock-Klemme 10043544 3208511 Phoenix Contact PXC.3208511 1...3 =PowerWeld 2600+SEN-X18 Abschlussdeckel 3208579 1 10043545 Phoenix Contact PXC.3208579 =PowerWeld 2600+SEN-X18 Schutzleiter-Reihenklemme 3208333 1 10041640 Phoenix Contact PXC.3208333 2 =PowerWeld 2600+SEN-X18 1 Abschlussdeckel 10041641 3208375 Phoenix Contact PXC.3208375 2 =PowerWeld 2600+SEN-1B40.15 1 Berührungsloser, codierter Sicherheitsschalter 10012565 541009 Pilz GmbH & CO KG PILZ.541009 1 =PowerWeld 2600+SEN-1W40.15 M12 Buchse, 8x0,25 7,5m 10093969 7000-17041-2950750 1 Murrelektronik MUR.7000-17041-2950750 1 =PowerWeld 2600+SEN-2A46.15/1 10008631 OY006S 1 Sicherheitslichtvorhang, OY ifm electronic IFM.OY006S 2 =PowerWeld 2600+SEN-2B46.04 1 Berührungsloser,codierter Sicherheitsschalter 10012565 541009 Pilz GmbH & CO KG 2 PILZ.541009 =PowerWeld 2600+SEN-2W46.04 1 M12 Buchse, 8x0,25 5m 7000-17041-2950500 404267 Murrelektronik 2 MUR.7000-17041-2950500 =PowerWeld 2600+SEN-2W46.15/1 1 Datenleitung UNITRONIC® LiYCY A 8xAWG24/7, (8 x 0,23) 403886 0044658 Lappkabel 2 LAPP.LiYCY\_A 8xAWG24/7 =PowerWeld 2600+SEN-2W46.15/2 1 Datenleitung UNITRONIC® LiYCY A 8xAWG24/7, (8 x 0,23) 403886 0044658 Lappkabel 2 LAPP.LiYCY\_A 8xAWG24/7 =PowerWeld 2600+SEN-2XS46.15/1 1 Buchse, M12, 5polig, gerade, Schraubklemme 405491 7000-12961-0000000 Murrelektronik MUR.7000-12961-0000000 2 =PowerWeld 2600+SEN-2XS46.15/2 1 Buchse, M12, 5polig, gerade, Schraubklemme 405491 7000-12961-0000000 Murrelektronik MUR.7000-12961-0000000 2 =PowerWeld 2600+SEN-3B46.26 1 Berührungsloser, codierter Sicherheitsschalter 10012565 541009 Pilz GmbH & CO KG PILZ.541009 3 =PowerWeld 2600+SEN-3B46.37 1 Berührungsloser,codierter Sicherheitsschalter 10012565 541009 Pilz GmbH & CO KG PILZ.541009 3 =PowerWeld 2600+SEN-3W46.26 1 M12 Buchse, 8x0,25 7,5m 10093969 7000-17041-2950750 Murrelektronik MUR.7000-17041-2950750 3 =PowerWeld 2600+SEN-3W46.37 1 M12 Buchse, 8x0,25 7,5m 10093969 7000-17041-2950750 Murrelektronik MUR.7000-17041-2950750 3 10094823 BMF00C4 =PowerWeld 2600+SEN-4B7.0 1 Magnetischen Zylindersensor Balluff BAL.BMF00C4 =PowerWeld 2600+SEN-4B7.1 1 10094823 BMF00C4 Magnetischen Zylindersensor Balluff BAL.BMF00C4 =PowerWeld 2600+SEN-4B7.2 1 10094823 BMF00C4 Magnetischen Zylindersensor Balluff BAL.BMF00C4 =PowerWeld 2600+SEN-4B7.3 10094823 BMF00C4 1 Magnetischen Zylindersensor Balluff BAL.BMF00C4 4

Modification

Printing date 26.07.2019

PowerWeld 2600

LQArtikel\_03

#### Parts list

Device tag	quantity	marking	LPKF part number	odering number	Manufacturer	part number	Schematic page
=PowerWeld 2600+SEN-4W7.0	1	Verbindungsleitung M8 2m	10026954	7000-88001-6300200	Murrelektronik	MUR.7000-88001-6300200	4
=PowerWeld 2600+SEN-4W7.1	1	Verbindungsleitung M8 2m	10026954	7000-88001-6300200	Murrelektronik	MUR.7000-88001-6300200	4
=PowerWeld 2600+SEN-4W7.2	1	Verbindungsleitung M8 3m	10061570	7000-88001-6300300	Murrelektronik	MUR.7000-88001-6300300	4
=PowerWeld 2600+SEN-4W7.3	1	Verbindungsleitung M8 3m	10061570	7000-88001-6300300	Murrelektronik	MUR.7000-88001-6300300	4
=PowerWeld 2600+SEN-5B7.4	1	Magnetischen Zylindersensor	10094823	BMF00C4	Balluff	BAL.BMF00C4	5
=PowerWeld 2600+SEN-5B7.5	1	Magnetischen Zylindersensor	10094823	BMF00C4	Balluff	BAL.BMF00C4	5
=PowerWeld 2600+SEN-5B7.6	1	Magnetfeld-Sensor	10094646	BMF0043	Balluff	BAL.BMF0043	5
=PowerWeld 2600+SEN-5B7.6	1	Haltewinkel für magnetische Sensoren	10094647	BAM00L0	Balluff	BAL.BAM00L0	5
=PowerWeld 2600+SEN-5B7.7	1	Magnetfeld-Sensor	10094646	BMF0043	Balluff	BAL.BMF0043	5
=PowerWeld 2600+SEN-5B7.7	1	Haltewinkel für magnetische Sensoren	10094647	BAM00L0	Balluff	BAL.BAM00L0	5
=PowerWeld 2600+SEN-5W7.4	1	Verbindungsleitung M8 2m	10026954	7000-88001-6300200	Murrelektronik	MUR.7000-88001-6300200	5
=PowerWeld 2600+SEN-5W7.5	1	Verbindungsleitung M8 2m	10026954	7000-88001-6300200	Murrelektronik	MUR.7000-88001-6300200	5
=PowerWeld 2600+SEN-5W7.6	1	Verbindungsleitung M8 2m	10026954	7000-88001-6300200	Murrelektronik	MUR.7000-88001-6300200	5
=PowerWeld 2600+SEN-5W7.7	1	Verbindungsleitung M8 2m	10026954	7000-88001-6300200	Murrelektronik	MUR.7000-88001-6300200	5
=PowerWeld 2600+SEN-6B8.0	1	Magnetischen Zylindersensor	10094823	BMF00C4	Balluff	BAL.BMF00C4	6
=PowerWeld 2600+SEN-6B8.1	1	Magnetischen Zylindersensor	10094823	BMF00C4	Balluff	BAL.BMF00C4	6
=PowerWeld 2600+SEN-6B8.2	1	Magnetischen Zylindersensor	10094823	BMF00C4	Balluff	BAL.BMF00C4	6
=PowerWeld 2600+SEN-6B8.3	1	Magnetischen Zylindersensor	10094823	BMF00C4	Balluff	BAL.BMF00C4	6
=PowerWeld 2600+SEN-6W8.0	1	Verbindungsleitung M8 4m	10041842	7000-88001-6300400	Murrelektronik	MUR.7000-88001-6300400	6
=PowerWeld 2600+SEN-6W8.1	1	Verbindungsleitung M8 2m	10026954	7000-88001-6300200	Murrelektronik	MUR.7000-88001-6300200	6
=PowerWeld 2600+SEN-6W8.2	1	Verbindungsleitung M8 3m	10061570	7000-88001-6300300	Murrelektronik	MUR.7000-88001-6300300	6
=PowerWeld 2600+SEN-6W8.3	1	Verbindungsleitung M8 2m	10026954	7000-88001-6300200	Murrelektronik	MUR.7000-88001-6300200	6
=PowerWeld 2600+SEN-7B8.6	1	Digitaler Durchflussschalter mit Anzeige, 2~100l/min	406044	PFM711S-C6-B-MA-S	SMC Pneumatik GmbH	SMC.PFM711S-C6-B-MA-S	7

Alfred-Nobel-Str. 55-57 90765 Fürth Www.lpkf-laserwelding.com SER.-NR. LQ250QS-1919-0152 26.07.2019 Parts list Tandem Diabetes erhan.coskun Drawing number 19\_V1919-0152\_en tested

**Device tag** 

Parts list

=PowerWeld 2600+SEN-7S8.4

=PowerWeld 2600+SEN-7S8.5

marking

Druckschalter

Bimetallthermoschalter 50°C Öffner

quantity

tested

Modification

date

name

Printing date 26.07.2019

LPKF part number

401144

400685

odering number

228-2636

10773

LQArtikel\_03

Schematic page

part number

ELM.228-2636

FES.10773

PowerWeld 2600

Manufacturer

Elmwood

Festo

26.07.2019 Alfred-Nobel-Str. 55-57 Parts list LQ250QS-1919-0152 **Tandem Diabetes** erhan.coskun 90765 Fürth User Laser & Electronics www.lpkf-laserwelding.com

=PowerWeld 2600+SEN-7S8.7 Druckschalter 10027673 8000033 Festo FES.8000033 =PowerWeld 2600+SEN-7W8.4 M8 Stecker, 3x0,25 407104 7000-08001-6300500 1 Murrelektronik MUR.7000-08001-6300500 =PowerWeld 2600+SEN-7W8.5 407104 7000-08001-6300500 1 M8 Stecker, 3x0,25 Murrelektronik MUR.7000-08001-6300500 =PowerWeld 2600+SEN-7W8.6 Verbindungsleitung M8 1m 10026955 7000-88001-6300100 1 Murrelektronik MUR.7000-88001-6300100 =PowerWeld 2600+SEN-7W8.7 7000-08001-6300500 1 M8 Stecker, 3x0,25 407104 Murrelektronik 7 MUR.7000-08001-6300500 =PowerWeld 2600+SEN-7XS8.5 1 Winkeldose 401780 164274 Festo FES.164274 =PowerWeld 2600+SEN-7XS8.6 401097 7000-08331-0000000 1 Stecker, M8, 3polig, gerade, Schneidklemme Murrelektronik MUR.7000-08331-0000000 7 =PowerWeld 2600+SEN-7XS8.7 1 Buchse, M12, 4polig, gerade, Schneidklemme 405650 7000-12611-0000000 Murrelektronik MUR.7000-12611-0000000 =PowerWeld 2600+SEN-8B9.0 Näherungsschalter M8x1 405749 IE5329 1 ifm electronic 8 IFM.IE5329 =PowerWeld 2600+SEN-8B9.1 1 Näherungsschalter M8x1 405749 IE5329 ifm electronic IFM.IE5329 8 =PowerWeld 2600+SEN-8B9.2 IE5329 1 Näherungsschalter M8x1 405749 ifm electronic 8 IFM.IE5329 =PowerWeld 2600+SEN-8B9.3 1 Näherungsschalter M8x1 405749 IE5329 ifm electronic IFM.IE5329 8 =PowerWeld 2600+SEN-8W9.0 1 M8 Stecker-Buchse, 3x0,25 10026953 7000-88021-6300100 Murrelektronik MUR.7000-88021-6300100 8 =PowerWeld 2600+SEN-8W9.1 1 M8 Stecker-Buchse, 3x0,25 10026953 7000-88021-6300100 Murrelektronik MUR.7000-88021-6300100 8 =PowerWeld 2600+SEN-8W9.2 10026953 7000-88021-6300100 1 M8 Stecker-Buchse, 3x0,25 Murrelektronik MUR.7000-88021-6300100 8 =PowerWeld 2600+SEN-8W9.3 1 M8 Stecker-Buchse, 3x0,25 10026953 7000-88021-6300100 Murrelektronik MUR.7000-88021-6300100 8 =PowerWeld 2600+SEN-9B9.4 1 Näherungsschalter M8x1 405741 IE5287 ifm electronic IFM.IE5287 9 =PowerWeld 2600+SEN-9B9.5 405741 IE5287 1 Näherungsschalter M8x1 ifm electronic IFM.IE5287 9 Näherungsschalter M8x1 IE5287 =PowerWeld 2600+SEN-9B9.6 1 405741 ifm electronic IFM.IE5287 9 Näherungsschalter M8x1 =PowerWeld 2600+SEN-9B9.7 1 405741 IE5287 ifm electronic IFM.IE5287 9 =PowerWeld 2600+SEN-9W9.4 10026953 7000-88021-6300100 1 M8 Stecker-Buchse, 3x0,25 Murrelektronik MUR.7000-88021-6300100 9

13

Drawing number page 19\_V1919-0152\_en 83 from 119 page

= STK

Parts list

Device tag	quantity	marking	LPKF part number	odering number	Manufacturer	part number	Schematic page
=PowerWeld 2600+SEN-9W9.5	1	M8 Stecker-Buchse, 3x0,25	10026953	7000-88021-6300100	Murrelektronik	MUR.7000-88021-6300100	9
=PowerWeld 2600+SEN-9W9.6	1	M8 Stecker-Buchse, 3x0,25	10026953	7000-88021-6300100	Murrelektronik	MUR.7000-88021-6300100	9
=PowerWeld 2600+SEN-9W9.7	1	M8 Stecker-Buchse, 3x0,25	10026953	7000-88021-6300100	Murrelektronik	MUR.7000-88021-6300100	9
=PowerWeld 2600+AKT-X16	6	Durchgangsklemme	10041639	3208197	Phoenix Contact	PXC.3208197	1
=PowerWeld 2600+AKT-X16	2	Schutzleiter-Reihenklemme	10041640	3208333	Phoenix Contact	PXC.3208333	1
=PowerWeld 2600+AKT-X16	1	Abschlussdeckel	10041641	3208375	Phoenix Contact	PXC.3208375	1
=PowerWeld 2600+AKT-1K1.6	1	SCHUETZ, AC-3, 3KW/400V, 10E, DC 24V,	10065261	3RT20152BB42	SIEMENS AG	SIE.3RT2015-2BB42	1
=PowerWeld 2600+AKT-1K1.6	1	RC- Schaltgeräteentstörmodul 24/48 V AC/DC	10059961	2000-68500-4300000	Murrelektronik	MUR.2000-68500-4300000	1
=PowerWeld 2600+AKT-1W3	1	Steuerleitung, UL AWM Style 21098, 2x0,5 / 2x21AWG	403888	0015002	Lappkabel	LAPP.ÖLFLEX 150 QUATTRO 2x0,5	1
=PowerWeld 2600+AKT-1W5	1	Steuerleitung, UL AWM Style 21098, 3G0,75 / 3x19AWG	403895	0015103	Lappkabel	LAPP.ÖLFLEX 150 QUATTRO 3G0,75	1
=PowerWeld 2600+AKT-1W8	1	Steuerleitung, UL AWM Style 21098, 3G0,75 / 3x19AWG	403895	0015103	Lappkabel	LAPP.ÖLFLEX 150 QUATTRO 3G0,75	1
=PowerWeld 2600+AKT-1Y3	1	SVS Eco LED Ventilstecker	10036952	7000-30205-0000000	Murrelektronik	MUR.7000-30205-0000000	1
=PowerWeld 2600+AKT-1Y5	1	SVS Eco LED Ventilstecker	10057962	7000-29005-000000	Murrelektronik	MUR.7000-29005-000000	1
=PowerWeld 2600+AKT-1Y8	1	SVS Eco LED Ventilstecker	10057962	7000-29005-000000	Murrelektronik	MUR.7000-29005-000000	1
=PowerWeld 2600+DT-X25	1	Doppelstock-Klemme	10043544	3208511	Phoenix Contact	PXC.3208511	1
=PowerWeld 2600+DT-X25	1	Abschlussdeckel	10043545	3208579	Phoenix Contact	PXC.3208579	1
=PowerWeld 2600+SPS-XS8	1	Anbaurahmen RJ45	10057936	1419184	Phoenix Contact	PXC.1419184	1
=PowerWeld 2600+SPS-XS8	1	Schutzdeckel	10057955	1419186	Phoenix Contact	PXC.1419186	1
=PowerWeld 2600+SPS-1A1	1	CPU 315F-2 PN/DP	10002140	6ES7315-2FJ14-0AB0	SIEMENS AG	SIE.6ES7315-2FJ14-0AB0	1
=PowerWeld 2600+SPS-1A1	1	Micro-Memory Card 1MB	402834	700-953-8LK31	Helmholz	HHZ.700-953-8LK31	1
=PowerWeld 2600+SPS-1A1	1	Busanschlussstecker Profibus-Stecker, 90°, mit PG-Buchse	10022807	7000-99411-0000000	Murrelektronik	MUR.7000-99411-0000000	1
=PowerWeld 2600+SPS-1A1	1	PROFILSCHIENE, 2000MM	10061152	700-390-1BC00	Helmholz	HHZ.700-390-1BC00	1
=PowerWeld 2600+SPS-1A5	1	NetLinkPro	402706	700-881-MPI21	Helmholz	HHZ.700-881-MP21	1

26.07.2019 Tandem Diabetes erhan.coskun tested Modification Printing date 26.07.2019

Alfred-Nobel-Str. 55-57 90765 Fürth Www.lpkf-laserwelding.com

Parts list

SER.-NR. LQ250QS-1919-0152 Drawing number 19\_V1919-0152\_en PowerWeld 2600

page 13 page 84 from 119

LQArtikel\_03

**Device tag** 

Parts list

=PowerWeld 2600+SPS-1A5

quantity

marking

Hutschienenadapter NetLink

LPKF part number

402857

10034985

556840

Modification

=PowerWeld 2600+CPX-1V1

name

1

Magnetventil

=PowerWeld 2600+SPS-1XS1 10051202 7000-44221-0000000 Murrelektronik MUR.7000-44221-0000000 =PowerWeld 2600+SPS-2A1 IM155-6 DP HF 10043387 6ES7155-6BA00-0CN0 SIEMENS AG SIE.6ES7155-6BA00-0CN0 =PowerWeld 2600+SPS-2A1 Busanschlussstecker Profibus-Stecker, 90°, ohne PG-Buchse 10022805 40-1391122 1 ELEKTRO-VERTRIEBS-GESELLSCHAFT MARTENS EVG.40-1391122 2

odering number

700-751-HSH01

LQArtikel\_03

Schematic page

part number

FES.556840

3

page

HHZ.700-751-HSH01

Manufacturer

Helmholz

Festo

=PowerWeld 2600+SPS-1W5 RJ-45, grau, geschirmt 5m 10023774 45875 LINDY Electronik GmbH LIN.45875 =PowerWeld 2600+SPS-2A2 1 F-DI 8X24VDC HF 10037547 6ES7136-6BA00-0CA0 SIEMENS AG SIE.6ES7136-6BA00-0CA0 2 =PowerWeld 2600+SPS-2A2 BASEUNIT TYP A0, BU15-P16+A0+2D 10043383 6ES7193-6BP00-0DA0 1 SIEMENS AG 2 SIE.6ES7193-6BP00-0DA0 =PowerWeld 2600+SPS-2A3 1 F-DI 8X24VDC HF 10037547 6ES7136-6BA00-0CA0 SIEMENS AG 2 SIE.6ES7136-6BA00-0CA0 =PowerWeld 2600+SPS-2A3 BASEUNIT TYP A0, BU15-P16+A0+2B 10043382 6ES7193-6BP00-0BA0 1 SIEMENS AG SIE.6ES7193-6BP00-0BA0 2 6ES7136-6DB00-0CA0 =PowerWeld 2600+SPS-2A4 1 F-DQ 4X24VDC/2A PM HF 10043159 SIEMENS AG 2 SIE.6ES7136-6DB00-0CA0 =PowerWeld 2600+SPS-2A4 BASEUNIT TYP A0, BU15-P16+A0+2B 6ES7193-6BP00-0BA0 1 10043382 SIEMENS AG 2 SIE.6ES7193-6BP00-0BA0 =PowerWeld 2600+SPS-2A5 1 DE 16X24V DC ST 10043373 6ES7131-6BH01-0BA0 SIEMENS AG 2 SIE.6ES7131-6BH00-0BA0 =PowerWeld 2600+SPS-2A5 1 BASEUNIT TYP A0, BU15-P16+A0+2D 10043383 6ES7193-6BP00-0DA0 SIEMENS AG 2 SIE.6ES7193-6BP00-0DA0 =PowerWeld 2600+SPS-2A8 DA 16XDC 24V/0,5A ST 10043374 6ES7132-6BH01-0BA0 SIEMENS AG SIE.6ES7132-6BH00-0BA0 =PowerWeld 2600+SPS-2A8 BASEUNIT TYP A0, BU15-P16+A0+2D 10043383 6ES7193-6BP00-0DA0 SIEMENS AG SIE.6ES7193-6BP00-0DA0 =PowerWeld 2600+SPS-2A10 1 CM PTP 10043378 6ES7137-6AA00-0BA0 SIEMENS AG SIE.6ES7137-6AA00-0BA0 =PowerWeld 2600+SPS-2A10 BASEUNIT TYP A0, BU15-P16+A0+2B 10043382 6ES7193-6BP00-0BA0 1 SIEMENS AG SIE.6ES7193-6BP00-0BA0 2 =PowerWeld 2600+SPS-2A11 1 CM PTP 10043378 6ES7137-6AA00-0BA0 SIEMENS AG SIE.6ES7137-6AA00-0BA0 2 BASEUNIT TYP A0, BU15-P16+A0+2B =PowerWeld 2600+SPS-2A11 1 10043382 6ES7193-6BP00-0BA0 SIEMENS AG SIE.6ES7193-6BP00-0BA0 2 10041639 3208197 =PowerWeld 2600+CPX-X16 3 Durchgangsklemme Phoenix Contact PXC.3208197 =PowerWeld 2600+CPX-X16 1 Schutzleiter-Reihenklemme 10041640 3208333 Phoenix Contact PXC.3208333 =PowerWeld 2600+CPX-X16 1 Abschlussdeckel 10041641 3208375 Phoenix Contact PXC.3208375

26.07.2019 = STK Alfred-Nobel-Str. 55-57 Parts list LQ250QS-1919-0152 **Tandem Diabetes** erhan.coskun 90765 Fürth User Laser & Electronics www.lpkf-laserwelding.com Drawing number tested page PowerWeld 2600 19\_V1919-0152\_en Printing date 26.07.2019 85 from 119

LQArtikel\_03

#### Parts list

Device tag	quantity	marking	LPKF part number	odering number	Manufacturer	part number	Schematic page
=PowerWeld 2600+CPX-1V1	1	Anschlußplatte für 2 Ventile	402467	538000	Festo	FES.538000	3
=PowerWeld 2600+CPX-1V1	1	Einsteckplatine für E-Module	402285	537998	Festo	FES.537998	3
=PowerWeld 2600+CPX-1V1	1	E-Modul 8 Spulen	402215	533360	Festo	FES.533360	3
=PowerWeld 2600+CPX-1V1	1	Dichtung ohne Trennung	402554	533355	Festo	FES.533355	3
=PowerWeld 2600+CPX-1V1	1	Steckverschraubung für R1/4 Gewinde	402758	153016	Festo	FES.153016	3
=PowerWeld 2600+CPX-1W1	1	ÖLFLEX 150 QUATTRO 4G0,5/21AWG	403890	0015004	Lappkabel	LAPP.0015004	1
=PowerWeld 2600+CPX-1Z1	1	gefasste Abluft	402500	533375	Festo	FES.533375	3
=PowerWeld 2600+CPX-1Z1	1	Verbindung intern Luft	402213	533372	Festo	FES.533372	3
=PowerWeld 2600+CPX-1Z1	1	Dichtung ohne Trennung	402554	533355	Festo	FES.533355	3
=PowerWeld 2600+CPX-1Z1	1	Steckverschraubung QS, Quick Star	10002298	186101	Festo	FES.186101	3
=PowerWeld 2600+CPX-1Z1	1	Endplatte rechts	402217	533355	Festo	FES.533373	3
=PowerWeld 2600+CPX-1Z3	1	Versorgungsplatte für gefasste Abluft	10019704	533354	Festo	FES.533354	4
=PowerWeld 2600+CPX-1Z3	1	gefasste Abluft	402500	533375	Festo	FES.533375	4
=PowerWeld 2600+CPX-1Z3	1	Schalldämpfer	10019705	161418	Festo	FES.161418	4
=PowerWeld 2600+CPX-1Z3	2	Steckverschraubung QS, Quick Star	10002298	186101	Festo	FES.186101	4
=PowerWeld 2600+CPX-1Z3	1	Dichtung ohne Trennung	402554	533355	Festo	FES.533355	4
=PowerWeld 2600+CPX-2A1	1	Endplatte	402212	195716	Festo	FES.195716	1
=PowerWeld 2600+CPX-2A1	1	Verkettungsblock	10007719	195746	Festo	FES.195746	1
=PowerWeld 2600+CPX-2A1	1	Zuganker 4 Module	10011953	195724	Festo	FES.195724	1
=PowerWeld 2600+CPX-2A1	1	Busknoten	402210	195740	Festo	FES.195740	1
=PowerWeld 2600+CPX-2A1	1	Anschlussblock	10004942	541519	Festo	FES.541519	1
=PowerWeld 2600+CPX-2A2	1	Eingangsmodul	402036	195750	Festo	FES.195750	2
=PowerWeld 2600+CPX-2A2	1	Verkettungsblock	402046	195742	Festo	FES.195742	2

26.07.2019 Tandem Diabetes erhan.coskun tested Modification Printing date 26.07.2019

Alfred-Nobel-Str. 55-57 90765 Fürth Www.lpkf-laserwelding.com

Parts list

SER.-NR. LQ250QS-1919-0152 PowerWeld 2600

Drawing number 19\_V1919-0152\_en page 15 page 86 from 119

Parts list

1

2

Device tag	quantity	marking	LPKF part number	odering number	Manufacturer	part number	Schematic page
=PowerWeld 2600+CPX-2A2	1	Anschlussblock	402039	195706	Festo	FES.195706	2
=PowerWeld 2600+CPX-2A3	1	Eingangsmodul	402036	195750	Festo	FES.195750	2
=PowerWeld 2600+CPX-2A3	1	Verkettungsblock	402046	195742	Festo	FES.195742	2
=PowerWeld 2600+CPX-2A3	1	Anschlussblock	402039	195706	Festo	FES.195706	2
=PowerWeld 2600+CPX-2A4	1	Eingangsmodul	402036	195750	Festo	FES.195750	2
=PowerWeld 2600+CPX-2A4	1	Verkettungsblock	402046	195742	Festo	FES.195742	2
=PowerWeld 2600+CPX-2A4	1	Anschlussblock	402039	195706	Festo	FES.195706	2
=PowerWeld 2600+CPX-2A4/X1	1	Stecker, M8, 3polig, gerade, Schneidklemme	401097	7000-08331-0000000	Murrelektronik	MUR.7000-08331-0000000	8
=PowerWeld 2600+CPX-2A4/X2	1	Stecker, M8, 3polig, gerade, Schneidklemme	401097	7000-08331-0000000	Murrelektronik	MUR.7000-08331-0000000	8
=PowerWeld 2600+CPX-2A4/X3	1	Stecker, M8, 3polig, gerade, Schneidklemme	401097	7000-08331-0000000	Murrelektronik	MUR.7000-08331-0000000	8
=PowerWeld 2600+CPX-2A4/X4	1	Stecker, M8, 3polig, gerade, Schneidklemme	401097	7000-08331-0000000	Murrelektronik	MUR.7000-08331-0000000	8
=PowerWeld 2600+CPX-2A4/X5	1	Stecker, M8, 3polig, gerade, Schneidklemme	401097	7000-08331-0000000	Murrelektronik	MUR.7000-08331-0000000	9
=PowerWeld 2600+CPX-2A4/X6	1	Stecker, M8, 3polig, gerade, Schneidklemme	401097	7000-08331-0000000	Murrelektronik	MUR.7000-08331-0000000	9
=PowerWeld 2600+CPX-2A4/X7	1	Stecker, M8, 3polig, gerade, Schneidklemme	401097	7000-08331-0000000	Murrelektronik	MUR.7000-08331-0000000	9
=PowerWeld 2600+CPX-2A4/X8	1	Stecker, M8, 3polig, gerade, Schneidklemme	401097	7000-08331-0000000	Murrelektronik	MUR.7000-08331-0000000	9
=PowerWeld 2600+CPX-2V1	1	Magnetventil	402216	533345	Festo	FES.533345	3
=PowerWeld 2600+CPX-2XS2	1	Steckdose	402063	18493	Festo	FES.18493	1
=PowerWeld 2600+CPX-3V1	1	Magnetventil	401902	533342	Festo	FES.533342	3
=PowerWeld 2600+CPX-4V1	1	Magnetventil	402216	533345	Festo	FES.533345	3
=PowerWeld 2600+CPX-5V1	1	Magnetventil	402785	533343	Festo	FES.533343	3
=PowerWeld 2600+CPX-5V1	1	Anschlußplatte für 4 Ventile	402214	533352	Festo	FES.533352	3
=PowerWeld 2600+CPX-5V1	1	E-Modul 8 Spulen	402215	533360	Festo	FES.533360	3
=PowerWeld 2600+CPX-5V1	1	Einsteckplatine für E-Module	402285	537998	Festo	FES.537998	3

LQArtikel\_03

LQArtikel\_03

page 17 page 88 from 119

#### Parts list

Device tag	quantity	marking	LPKF part number	odering number	Manufacturer	part number	Schematic page
=PowerWeld 2600+CPX-5V1	1	Magnetventil	402521	533347	Festo	FES.533347	3
=PowerWeld 2600+CPX-5V1	1	Dichtung ohne Trennung	402554	533355	Festo	FES.533355	3
=PowerWeld 2600+CPX-6V1	1	Magnetventil	402521	533347	Festo	FES.533347	3
=PowerWeld 2600+CPX-7V1	1	Abdeckplatte	402253	533351	Festo	FES.533351	3
=PowerWeld 2600+CPX-8V1	1	Abdeckplatte	402253	533351	Festo	FES.533351	3
=PowerWeld 2600+CPX-9V1	1	proportional Druckregelventil	407196	542219	Festo	FES.542219	3
=PowerWeld 2600+CPX-10V1	1	Magnetventil	402469	537955	Festo	FES.537955	3
=PowerWeld 2600+CPX-10V1	2	Steckverschraubung für R1/4 Gewinde	402758	153016	Festo	FES.153016	3
=PowerWeld 2600+CPX-11V1	1	Abdeckplatte für Ventilplatz	402477	537962	Festo	FES.537962	3
=PowerWeld 2600+CPX-11V1	2	Steckverschraubung für R1/4 Gewinde	402758	153016	Festo	FES.153016	3
=PowerWeld 2600+CPX-12V1	1	Magnetventil	402469	537955	Festo	FES.537955	4
=PowerWeld 2600+CPX-12V1	1	Anschlußplatte für 4 Ventile	402214	533352	Festo	FES.533352	4
=PowerWeld 2600+CPX-12V1	1	E-Modul 4 Spulen	402468	537983	Festo	FES.537983	4
=PowerWeld 2600+CPX-12V1	1	Einsteckplatine für E-Module	402285	537998	Festo	FES.537998	4
=PowerWeld 2600+CPX-12V1	2	Steckverschraubung für R1/4 Gewinde	402758	153016		FES.153016	4
=PowerWeld 2600+CPX-12V1	1	Dichtung ohne Trennung	402554	533355	Festo	FES.533355	4
=PowerWeld 2600+CPX-13V1	1	Abdeckplatte für Ventilplatz	402477	537962	Festo	FES.537962	4
=PowerWeld 2600+CPX-13V1	2	Steckverschraubung für R1/4 Gewinde	402758	153016	Festo	FES.153016	4
=PowerWeld 2600+P-P1	1	Schott-Verbinder	400768	PM1210E	John Guest	JG.PM1210E	P1
=PowerWeld 2600+P-T1	1	T-Steckverbindung	400524	153130	Festo	FES.153130	P1
=PowerWeld 2600+P-T2	1	T-Steckverbindung	400739	153135	Festo	FES.153135	P1
=PowerWeld 2600+P-T3	1	T-Steckverbindung	400524	153130	Festo	FES.153130	P1
=PowerWeld 2600+P-T4	1	T-Steckverbindung	10015864	153129	Festo	FES.153129	P3

Modification

26.07.2019 Tandem Diabetes erhan.coskun tested Printing date 26.07.2019

Alfred-Nobel-Str. 55-57 90765 Fürth Www.lpkf-laserwelding.com

Parts list

SER.-NR. LQ250QS-1919-0152 Drawing number 19\_V1919-0152\_en PowerWeld 2600

Parts list

LQArtikel\_03

Device tag	quantity	marking	LPKF part number	odering number	Manufacturer	part number	Schematic page
=PowerWeld 2600+P-T5	1	T-Steckverbindung	10015864	153129	Festo	FES.153129	P3
=PowerWeld 2600+P-0S1	1	Druckschalter	10027673	8000033	Festo	FES.8000033	P1
=PowerWeld 2600+P-0V1	1	Magnetventil	10019270	173124	Festo	FES.173124	P1
=PowerWeld 2600+P-0V2	1	Einschaltventil	10005460	533537	Festo	FES.533537	P1
=PowerWeld 2600+P-0Z1	1	Wartungsgeräte-Kombination	10018604	DE_CS.1359480-A	Festo	FES.DE_CS.1359480-A	P1
=PowerWeld 2600+P-1A1	1	Linearantrieb	404716	158971	Festo	FES.158971	P1
=PowerWeld 2600+P-1V2	1	Rückschlagventil	405423	530030	Festo	FES.530030	P1
=PowerWeld 2600+P-1V3	1	Drossel-Rückschlagventil	400727	193139	Festo	FES.193139	P1
=PowerWeld 2600+P-1V4	1	Drossel-Rückschlagventil	400727	193139	Festo	FES.193139	P1
=PowerWeld 2600+P-2A1	1	Kompaktzylinder	10015652	536262	Festo	FES.536262	P1
=PowerWeld 2600+P-3A1	1	Kompaktzylinder	400397	156506	Festo	FES.156506	P1
=PowerWeld 2600+P-4V2	1	Drossel-Rückschlagventil	400726	193138	Festo	FES.193138	P1
=PowerWeld 2600+P-4V3	1	Drossel-Rückschlagventil	400726	193138	Festo	FES.193138	P1
=PowerWeld 2600+P-5S1	1	Digitaler Durchflussschalter	10019273	PFM750S-C6L-B-MA-Z	SMC Pneumatik GmbH	SMC.PFM750S-C6L-B-MA-Z	P2
=PowerWeld 2600+P-10A1	1	Kompaktzylinder	405517	536287	Festo	FES.536287	P3
=PowerWeld 2600+P-10A2	1	Kompaktzylinder	405517	536287	Festo	FES.536287	P3
=PowerWeld 2600+P-10V2	1	Drossel-Rückschlagventil	400753	193969	Festo	FES.193969	P3
=PowerWeld 2600+P-10V3	1	Drossel-Rückschlagventil	400753	193969	Festo	FES.193969	P3
=PowerWeld 2600+P-12A1	1	Flachschwenkeinheit SF100	10016537	SF100-180N-C	Sommer Automation	SOA.SF100-180N-C	P4
=PowerWeld 2600-X	49	Endhalter	10002992	3022218	Phoenix Contact	PXC.3022218	4
=PowerWeld 2600-X	2	Abdeckprofil	401484	5022656	Phoenix Contact	PXC.5022656	4
=PowerWeld 2600-X	1	Abdeckprofil	401485	5022876	Phoenix Contact	PXC.5022876	4
=PowerWeld 2600-X	2	Auflagebock	400050	3026489	Phoenix Contact	PXC.3026489	4

SER.-NR. LQ250QS-1919-0152 Alfred-Nobel-Str. 55-57 90765 Fürth www.lpkf-laserwelding.com 26.07.2019 Parts list **Tandem Diabetes** erhan.coskun Drawing number 19\_V1919-0152\_en tested PowerWeld 2600 Modification Printing date 26.07.2019

LQArtikel\_03

#### Parts list

Device tagquantitymarkingLPKF part numberodering numberManufacturerpart numberSchematic page= PowerWeld 2600-X1N-Sammelschiene4002510402174Phoenix ContactPXC.04021744

=KL/1 Alfred-Nobel-Str. 55-57 90765 Fürth Www.lpkf-laserwelding.com SER.-NR. LQ250QS-1919-0152 26.07.2019 = STK Parts list **Tandem Diabetes** erhan.coskun User Drawing number page 19 page 90 from 119 tested PowerWeld 2600 19\_V1919-0152\_en Modification Printing date 26.07.2019

## Terminal diagram

WQKlemmen\_02

	-1W1	Cable name		=P	owerWeld	Strip I 260	00+	EIN	I-X1	Cable name	-1W2	
function text	H05VV-F/SJT	cable type	Target designation	Connection point	Klemmentyp	clamp level	terminal	jumper	Connection Point Target designation	cable type	H05VV-F/SJT	Page / column
	BN		-1XS1	1	PT 4-QUATTRO		L1		-1S1 <sub>1</sub>		BN	/1.1
	DIA		-1F4	1					'	+	-	1212
	BK		-1XS1	2	PT 4-QUATTRO		L2	•	-1S1 3	!	BK	/1.1
	GY	_ L	-1XS1	3	PT 4-QUATTRO		L3		-1S1 5	-	GY	/1.1
	BU	F	-1XS1	4	PT 4-QUATTRO BU		N	•	-1S1 N1	-	BU	/1.2
			-1F4	3								
	GNYE		-1XS1	PE	PT 4-QUATTRO-PE		PE	•	-1S1X PE	-	GNYE	/1.2
					D-PT 4-QUATTRO					1		
			-1XS5	L	PT 4-QUATTRO		1	•	-1F5 <sub>2</sub>	-		/1.5
			+PC-2K2	11								
			-1XS5	N	PT 4-QUATTRO BU		2	•	-1F4 4			/1.6
			+PC-2K2	21						1		
			-1XS5	PE	PT 4-QUATTRO-PE		3	•				/1.6
					D-PT 4-QUATTRO							
										1		
										1		
										1		
										1		
										1		
										1		
		_								L		
		[										
										]		
		_										

=STK/19

| date | 26.07.2019 | | User | erhan.coskun | Tandem Diabetes | Laser & | Modification | date | name | Printing date | 26.07.2019 | | norm

Alfred-Nobel-Str. 55-57 90765 Fürth www.lpkf-laserwelding.com

terminalblock diagram =PowerWeld 2600+EIN-X1

9

#### Terminal diagram

				,	~L						-1W3		
	Cable name		=P	owerWelc	Strip 126	00+	-EIN	N-X2		Cable name	N3		
function text	cable type	Target designation	Connection point	Klemmentyp	clamp level	terminal	jumper	Target designation	Connection point	cable type	ÖLFLEX® CONTROL TM		Page / column
	1.	+KLI-1F1	1	PT 4-QUATTRO		1	Ť	-1S1	2		1	/2.1	
	:	+LAS-1F1	1							Ť			
	Ī			PT 4-QUATTRO		2	•			1		/2.1	
	Ī			D-PT 4-QUATTRO						1			
				PT 4-QUATTRO		3	•	-1S1	4	1	2	/2.2	
				PT 4-QUATTRO		4	•					/2.2	
				D-PT 4-QUATTRO						1			
	-	+VDC-1F1	1	PT 4-QUATTRO		5	•	-1S1	6	1	3	/2.3	
	-	+VDC-1F5	1							1			
	-	+SCN-2F1	1							1			
				PT 4-QUATTRO		6	•	+PC-1F1	1			/2.3	
	İ			D-PT 4-QUATTRO						1			
		+VDC-1G1	N	PT 4-QUATTRO BU		7	•	-1S1	N2	1	4	/2.4	
	-	+VDC-1G5	N							1			
	-	+FDO-1K20.0/A	3	PT 4-QUATTRO BU		8	•	+KLI-X2	2:a	1		/2.4	
	1	+SCN-2G1	N										
	-	+PC-1G1	N							1			
				PT 4-QUATTRO BU		9	+			1		/2.5	
	İ			PT 4-QUATTRO BU		10	•			1		/2.5	
	İ			PT 4-QUATTRO BU		11	1			1		/2.6	
				D-PT 4-QUATTRO									
	-	+VDC-1G1	PE	PT 4-QUATTRO-PE		12	•	-1S1X	PE	1	GNYE	/2.7	
	į.	+VDC-1X3	2							1			
	ļ	+SCN-2G1	PE							1			
	F			PT 4-QUATTRO-PE		13	•	+PC-1G1	PE	1		/2.7	
				PT 4-QUATTRO-PE		14	•					/2.7	
				PT 4-QUATTRO-PE		15	•			1		/2.8	
				PT 4-QUATTRO-PE		16	•			1		/2.8	
	F			D-PT 4-QUATTRO		<u> </u>			+	1			

Alfred-Nobel-Str. 55-57 90765 Fürth www.lpkf-laserwelding.com SER.-NR. LQ250QS-1919-0152 26.07.2019 terminalblock diagram =PowerWeld 2600+EIN-X2 = KL **Tandem Diabetes** User erhan.coskun tested Drawing number PowerWeld 2600

page 2 page 92 from 119 19\_V1919-0152\_en Modification date Printing date 26.07.2019

## Terminal diagram

WQKlemmen\_02

		Cable name		=P	owerWeld	Strip   26	00+\	/D(	C-X3		Cable name		
function text		cable type	Target designation	Connection point	Klemmentyp	clamp level	terminal	jumper	Target designation	Connection point	cable type		Page / column
			-1G5	-1	PT 1,5/S-QUATTRO		1	•	-1G1	-			/3.1
			+SPS-1A5	2	PT 1,5/S-QUATTRO		2	+	+SPS-1A1	2	†		/3.1
			+SPS-2A1	2M				T			1		
			+SPS-2A2	М							1		
			+BE-X15	2:a	PT 1,5/S-QUATTRO		3	•	+CPX-X16	3:a	1		/3.2
			+BE-X20	2				1					
			+BE-X17	5							1		
			+AKT-1K1.6	A2	PT 1,5/S-QUATTRO		4	•	+SEN-X18	26	1		/3.2
			+AKT-1K1.6	3							1		
			+FDO-1K20.3/A	3	PT 1,5/S-QUATTRO		5	•	+FDO-1K20.2/A	5	1		/3.3
			+LAS-X6	3:b									
			+LAS-X6	2:b	PT 1,5/S-QUATTRO		6	•	+LAS-2V0.2	A2			/3.3
			+SCN-X11	13									
			+SCN-2K0.5	A2	PT 1,5/S-QUATTRO		7	•	+SCN-1K4	A2			/3.4
			+WEG-X12	2									
			+NIO-X18	2									
			+BEL-X26	2	PT 1,5/S-QUATTRO		8	•	+BEL-1K1.5	A2			/3.4
			+SEN-X18	8	PT 1,5/S-QUATTRO		9	ŀ	+SEN-X18	2			/3.5
			+SEN-X18	14	D-PT 1,5/S-QUATTRO								
			+SEN-X18	20									
											]		
											1		

| Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable | Variable

## Terminal diagram

WQKlemmen\_02

		Capic Imilia	Cable name		=Po	owerWeld	Strip 260	00+	VD	C-X4		Cable name		
function text		can't type	cable type	Target designation	Connection point	Klemmentyp	clamp level	terminal	jumper	Target designation	Connection point	cable type		Page / column
			<del>-</del>	·1F5	13	PT 1,5/S-QUATTRO		1	•	-X100	6:b		/3	.6
			I -	+SPS-1A5	1	,.,		_			0.0	+	13	
			- ⊢	+CPX-X16	1:a							1	+	
		$\neg$	$\vdash$	+BE-X20		PT 1,5/S-QUATTRO		2	<b> </b>	+BE-X15	1:a	1	/3	.6
			-	+BE-X17	6							1		
			-	+FDO-1K20.0/A	21	PT 1,5/S-QUATTRO		3	+	+SEN-X18	27		/3	.6
			-	+AKT-1K1.6	1							1		
			-	+FDO-1K20.3/A	1	PT 1,5/S-QUATTRO		4	+	+FDO-1K20.2/A	3	1	/3	.7
			-	+LAS-1F1	13							1		
			-	+LAS-X7	4:b							1		
			-	+WEG-X12	1	PT 1,5/S-QUATTRO		5	•	+SCN-1K3	13+		/3	3.7
			-	+NIO-X18	1							1		
			-	+DT-X25	1							1		
			-	+PC-2A3	-X2:8	PT 1,5/S-QUATTRO		6	<u></u>	+PC-2A3	-X2:5		/3	.8
				+SEN-X18	7	PT 1,5/S-QUATTRO		7	•	+SEN-X18	1		/3	.8
			_ ⊢	+SEN-X18	13	D-PT 1,5/S-QUATTRO								
			-	+SEN-X18	19									
												1		
												1		
													$\perp$	
												-	$\perp$	
												-		
			_									-		
			-									-		
			_									_	$\perp$	
			-									1	$\perp$	
			-									-	+	
			-									-	+	
		-	-		-							-	+	
			+									<del>                                     </del>	+	
			-									-	+	
			-		-							-	+	
			-									-		
			-									-		
												<u> </u>		

| Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modi

0 1 2 3 4 5 6 7 8 9

Terminal diagram

WQKlemmen\_02

		T								Π		
		Cable name		=P	owerWeld	Strip   <b>26</b> (	00+	VD(	C-X5	Cable name		
function text		cable type	Target designation	Connection point	Klemmentyp	clamp level	terminal	jumper	Connection point  Target designation	cable type		Page / column
			+CPX-X16	2:a	PT 1,5/S-QUATTRO		1					
		+	+CLV-VIO	Z:a	PT 1,5/S-QUATTRO PT 1,5/S-QUATTRO		2	I	-X100 2:b	+		/2.3
		-			D-PT 1,5/S-QUATTRO			ļ -		-		/2.3
		+		-	5 1 1 1/5/5 QUALITO					-		+
		1		+						-		
		1		+						1		+
		1								1		
		1										
		1								1		
		1								1		
		1								1		
										]		
		1										
		1										
		-								-		
		-								-		
		-								-		
		-								-		
		-								-		
		+								-		
		-								-		
		+		+						-		_
		+		-						-		_

## Terminal diagram

WQKlemmen\_02

	Cable name		=Po	werWeld 2	Strip 260(	0+V	′DC-	-X9/1		Cable name				
function text	cable type	Target designation	Connection point	Klemmentyp	clamp level	terminal	jumper	Target designation	Connection point	cable type			Page / column	
		+SPS-2A2	L+	PT 1,5/S-QUATTRO		1	•	-X100	3:b				/2.5	
				PT 1,5/S-QUATTRO		2	•	+SPS-2A5	L+				/2.5	
	_			D-PT 1,5/S-QUATTRO						-				
	-									-	$\vdash$			
	+		+											
	1													
	_													
	$\dashv$									-				
	$\dashv$									1				
										1				
	_									1				
	_									-				
	$\dashv$									-				
	+													
	_									-				
	4													
	+													
	$\dashv$									+				
	1									1				
	$\perp$									-				
	+									-				
	-									1				
	1									1				

Alfred-Nobel-Str. 55-57
90765 Fürth
Laser & Electronics

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

Modification

M

Terminal diagram WQKlemmen\_02

		Cable name		=Po	werWeld :	Strip <b>260</b> (	0+V	/DC-	-X9/2		Cable name				
function text		cable type	Target designation	Connection point	Klemmentyp	clamp level	terminal	jumper	Target designation	Connection point	cable type				Page / column
			+SPS-2A8	L+	PT 1,5/S-QUATTRO		1	•	-X100	4:b				$\dashv$	/2.6
					PT 1,5/S-QUATTRO		2	ŀ			-				/2.7
					D-PT 1,5/S-QUATTRO										
														_	
				-										$\dashv$	
		-		+									_	+	
														$\dashv$	
_		_												$\dashv$	
		$\dashv$		+											
													$\perp$	$\perp$	
		-		-										$\dashv$	
		-		-										$\dashv$	
		-		+										$\dashv$	
				+										$\dashv$	
		$\perp$												$\perp$	
														$\perp$	
		$\dashv$		+										+	
		$\dashv$												-	
		$\dashv$		+									-+	$\dashv$	

| Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modi

### Terminal diagram

WQKlemmen\_02

	Cable name		=Po	werWeld :	Strip <b>260</b> (	0+\	/DC	-X100		Cable name		
function text	cable type	Target designation	Connection point	Klemmentyp	clamp level	terminal	jumper	Target designation	Connection point	cable type		Page / column
		+SPS-2A1	2L+	PT 2,5-QUATTRO		1	•	-2F1	2			/2.1
		+SPS-1A1	1							†		
		-X5	1:a	PT 2,5-QUATTRO		2	•	+FDO-1K20.2/B	2			/2.3
		-X9/1	1:a	PT 2,5-QUATTRO		3	•	-2F5	2	]		/2.5
		-X9/2		PT 2,5-QUATTRO		4	•	-2F6	2	<u> </u>		/2.6
		+BEL-1K1.5		PT 2,5-QUATTRO		5		-2F8	2			/2.8
		-X4	1:a	PT 2,5-QUATTRO		6	•	-3F6	2			/3.6
				D-ST 2,5-QUATTRO								

Alfred-Nobel-Str. 55-57
90765 Fürth
User erhan.coskun
Modification date name Printing date 26.07.2019

Tandem Diabetes

Alfred-Nobel-Str. 55-57
90765 Fürth
Www.lpkf-laserwelding.com
Www.lpkf-laserwelding.com
Nom

Alfred-Nobel-Str. 55-57
90765 Fürth
Www.lpkf-laserwelding.com
Www.lpkf-laserwelding.com
Www.lpkf-laserwelding.com

PowerWeld 2600

SER.-NR.
LQ250QS-1919-0152

PowerWeld 2600

Drawing number
19\_V1919-0152\_en

page 98 from 119

Terminal diagram WQKlemmen\_02 Strip =PowerWeld 2600+BEL-X26

			Ī									me 		
		Sensorierung	Sensorleitung	1	Connection point	Klemmentyp	clamp level	terminal	jumper		Connection point	cable type		
function text				Target designation	n					Target designation				Page / column
		В	BU	-1X3	3	PTTB 1,5/S	-	1	•	-1K1.5	14			/1.3
						D-PTTB 1,5/S								
		В	BK	-1X3	4		2	2	•	+VDC-X3	8:b			/1.3
												1		
			$\dashv$									-		
			_									-		
			$\dashv$									-		
												-		
_			+	+								-	-+	
												-		
			$\dashv$									1		
												1		
			$\dashv$									1		
												1		
												1		
												1		
												1		
			_									-		
			_									-		
												-		
			$\dashv$									-		
			-	+									-	
			$\dashv$									-		
			$\dashv$									1	-+	
			$\dashv$	-								1	$\dashv$	
			$\dashv$									1		
								<u> </u>		<u> </u>				

26.07.2019 Alfred-Nobel-Str. 55-57 terminalblock diagram =PowerWeld 2600+BEL-X26 LQ250QS-1919-0152 Tandem Diabetes Laser & Electronics 90765 Fürth www.lpkf-laserwelding.com erhan.coskun Drawing number tested PowerWeld 2600 19\_V1919-0152\_en Printing date 26.07.2019 Modification

## Terminal diagram

WQKlemmen\_02

	-1W1/A	Cable name		=P	owerWeld	Strip I 26	00+	·KLI	-X2		Cable name			
function text	ÖLFLEX	cable type	Target designation	Connection point	Klemmentyp	clamp level	terminal	jumper	Target designation	Connection point	cable type			Page / column
	1		-1M1/A	L	PT 4-QUATTRO		1	•	-1F1	2			/1.1	
	2	1	-1M1/A	N	PT 4-QUATTRO BU		2		+EIN-X2	8:a	·		/1.2	
	GNYE	1	-1M1/A	PE			3	•					/1.2	
		1			D-PT 4-QUATTRO									
		1												
		1												
											L			
											L			
		1									L			
		1									<u> </u>			
		-												
		-									-			
		4												
		+												
		-									-			
		+									-			
											-+			
+		+									$\vdash$			
		1									$\vdash$			
		1									-			
		1												
											$\dashv$			
		1												
		1												
		1												
		1												

Alfred-Nobel-Str. 55-57
User erhan.coskun

Modification date name Printing date 26.07.2019

Tandem Diabetes

Alfred-Nobel-Str. 55-57
90765 Fürth
Www.lpkf-laserwelding.com
Www.lpkf-laserwelding.com

Modification date name Printing date 26.07.2019

Alfred-Nobel-Str. 55-57
90765 Fürth
Www.lpkf-laserwelding.com
Www.lpkf-laserwelding.com

Norm

Alfred-Nobel-Str. 55-57
90765 Fürth
Www.lpkf-laserwelding.com
Www.lpkf-laserwelding.com

PowerWeld 2600

Drawing number
19\_V1919-0152\_en

PowerWeld 2600

Drawing number
19\_V1919-0152\_en

Page 100 from 119

## Terminal diagram

WQKlemmen\_02

		-1W6	Cable name		Pow	erWeld 26	Strip	⊦LA	S-K	L1-X10		Cable name			
function text		UNITRONIC LIYY UL/CSA	cable type	Target designation	Connection point	Klemmentyp	clamp level	terminal	jumper	Target designation	Connection point	cable type		Page / column	
		YE		-X7	4:a	PT 1,5/S-QUATTRO		1		-1G4	CN3:7			/1.6	
		GY		-X7	5:a	PT 1,5/S-QUATTRO		2	•	-1G4	CN3:8	·		/1.6	
		WH		-X7	6:a	PT 1,5/S-QUATTRO		3	•	-1G4	CN2:10			/1.7	
				-1G4	CN3:5										-
		BN		-X7	7:a	PT 1,5/S-QUATTRO		4	•	-1G4	CN3:4			/1.7	
				-1G4	CN2:9										
												<u> </u>			
												-			
												-			
					-							$\vdash$			
												_			
												-			
					-							-			
											$\vdash$	-		+	
												-			
					_							-+			
											+	-			
					+							$\vdash$			
											$\vdash$				
												-+			
											+	 			
											+				
L	1			I	1	I			<u> </u>	I			ı	I	

Modification

Tandem Diabetes

26.07.2019

Printing date 26.07.2019

tested

erhan.coskun

Alfred-Nobel-Str. 55-57 90765 Fürth www.lpkf-laserwelding.com

terminalblock diagram =PowerWeld 2600+LAS-KL1-X10

LQ250QS-1919-0152 Drawing number PowerWeld 2600 19\_V1919-0152\_en

## Terminal diagram

WQKlemmen\_02

		-1W1-	Cable name		=P	owerWeld	Strip I 260	00+	·LAS	S-X2		Cable name		
function text		ÖLFLEX® 150 QUATTRO	cable type	Target designation	Connection point	Klemmentyp	clamp level	terminal	jumper	Target designation	Connection point	cable type		Page / column
		1		-1G4	L1	PT 4-QUATTRO		1		-2V0.2	T1			/1.5
		2		-1G4	N	PT 4-QUATTRO BU		2	•	+FDO-1K20.0/B	4	-		/1.5
		GNYE		-1G4	PE			3	•					/1.5
						D-PT 4-QUATTRO								
			L											
												-		
												-		
												-		
												l		
												Ī		
												$\vdash$		
												<b> </b>		

Alfred-Nobel-Str. 55-57 90765 Fürth www.lpkf-laserwelding.com 26.07.2019 terminalblock diagram =PowerWeld 2600+LAS-X2 LQ250QS-1919-0152 Tandem Diabetes erhan.coskun Drawing number page 12 page 102 from 119 tested PowerWeld 2600 19\_V1919-0152\_en Modification Printing date 26.07.2019

# Terminal diagram

WQKlemmen\_02

		Cable name		=P	owerWeld	Strip I 26	00+	-LAS	S-X6		Cable name	-3W1		
function text		cable type	Target designation	Connection point	Klemmentyp	clamp level	terminal	jumper	Target designation	Connection point	cable type	UNITRONIC LIYCY UL/CSA		Page / column
			+VDC-1G5	+2	PT 1,5/S-QUATTRO		1		-3A1-3XS1	15		WH		/3.1
		- 1	+VDC-X3	6:b			2		-3A1-3XS1	1	†	BN		/3.1
		L	+VDC-X3	5:d			3		-3A1-3XS1	9	1	GN		/3.3
		L	+SCN-X11	3			4		-3A1-3XS1	17	1	YE		/3.3
		-			D-PT 1,5/S-QUATTRO						1			,
	+ + + + + + + +									1				
		}									1			
	+ + + + + + + + + + + + + + + + + + + +	}									1			
		ŀ									1			
		-									1			
		-+												
		ŀ									-			
											-			
											-			
											-			
		-												
											-			
		Į												
		1												
		Ī									1			
		İ									1			
		ŀ									1			
		ŀ									1			
		ŀ									1			
	+ + + + + + + + + + + + + + + + + + + +	}									1			
I					I				I	1		L		1

# Terminal diagram

WQKlemmen\_02

	-1W5	Cable name		=P	owerWeld	Strip   260	00+	LAS	S-X7		Cable name	-1W6		
function text	ÖLFLEX 150 QUATTRO	cable type	Target designation	Connection point	Klemmentyp	clamp level	terminal	jumper	Target designation	Connection point	cable type	UNITRONIC LIYY UL/CSA		Page / column
			+FDO-1K20.0/A	62	P-CO		1	•	-1R1					/1.3
	$\dashv$				PT 2,5-QUATTRO-TG						†			
	1	İ	-1G4	+			1	•						/1.3
		L	+FDO-1K20.0/B	62	P-CO		2	•	-1R2		]			/1.4
			-2K0.3	22										
					D-ST 2,5-QUATTRO-MT									
							2	•						/1.4
	2	L	-1G4	-	PT 1,5/S-QUATTRO		3	•	-2K0.3	21				/1.4
		L	+VDC-X4	4:d			4	•	-KL1-X10	1:b		YE		/1.6
			+SPS-2A5	16	PT 1,5/S-QUATTRO		5		-KL1-X10	2:b		GY		/1.6
		L	-2K0.3	1			6		-KL1-X10	3:b		WH		/1.7
	$\dashv$	-	-2K0.3	2	PT 1,5/S-QUATTRO D-PT 1,5/S-QUATTRO		7	•	-KL1-X10	4:b	-	BN		/1.7
		-			D-P1 1,5/5-QUATTRO						-			
		-									-			
	-													
		-												
											-			
		F									1			
		-												
	$\dashv$	$\neg$												
	$\neg$										1			
	$\Box$	İ									1			
											]			
		_												
											]			
		-												

Alfred-Nobel-Str. 55-57 90765 Fürth www.lpkf-laserwelding.com 26.07.2019 terminalblock diagram =PowerWeld 2600+LAS-X7 LQ250QS-1919-0152 Tandem Diabetes erhan.coskun Drawing number page tested PowerWeld 2600 19\_V1919-0152\_en Modification Printing date 26.07.2019 page 104 from 119

## Terminal diagram

WQKlemmen\_02

	-2W1/A	-1W1	Cable name		=Po	werWeld	Strip 260	0+9	SCN	-X11		Cable name	-1W2		
function text	UNITRONIC® FD CP plus	ÖLFLEX 150 QUATTRO	cable type	Target designation	Connection point	Klemmentyp	clamp level	terminal	jumper	Target designation	Connection point	cable type	UNITRONIC LIYCY UL/CSA		Page / column
				-2K0.5	11	PTTB 1,5/S	ь	1	•	-1A1-1XS2	1		RD		/1.1
							2	2	•	-1A1-1XS2	9		VT		/1.2
				+LAS-X6	4:b	PTTB 1,5/S	ь	3	•	-1A1-1XS2	2		BU		/1.2
				-2K0.5	14		2	4	•	-1A1-1XS2	10		BN		/1.2
			_	-2K0.6	14	PTTB 1,5/S	н	5	•	-1A1-1XS2	13		WH		/1.2
				-1K3	A1		2	6	•	-1A1-1XS2	3		GN		/1.2
			Ī			PTTB 1,5/S	-	7	•	-1A1-1XS2	5		YE		/1.3
			Ī	-1K4	A1		2	8	•	-1A1-1XS2	14		GY		/1.3
						PTTB 1,5/S	-	9	•	-1A1-1XS2	7		PK		/1.3
		1		-1A1-1XS1	1:1		2	10	•						/1.1
		2		-1A1-1XS1	2:2	PTTB 1,5/S	1	11	•						/1.2
		3		-1A1-1XS1	3:2		2	12	•	+VDC-1G5	+1				/1.2
		4		-1A1-1XS1	4:2	PTTB 1,5/S	1	13	•	+VDC-X3	6:d				/1.2
	GY			-2A1-2XS1	22		2	14	1	-2G1	P15_1				/2.1
	RD			-2A1-2XS1	23	PTTB 1,5/S	-	15	•	-2G1	P15_2'				/2.2
	BK			-2A1-2XS1	10		2	16	1						/2.2
	GN			-2A1-2XS1	11	PTTB 1,5/S	-	17	+1						/2.2
	YE			-2A1-2XS1	9		2	18	1						/2.2
	BU			-2A1-2XS1	24	PTTB 1,5/S	ь	19	•						/2.2
	BN			-2A1-2XS1	12		2	20	†	-2G1	GND2				/2.2
	WH			-2A1-2XS1	13	PTTB 1,5/S	н	21	•						/2.3
						D-PTTB 1,5/S									
	PK			-2A1-2XS1	25		2	22	• ↓						/2.3

## Terminal diagram

WQKlemmen\_02

		Capie Ilallie	Cable name		=Po	werWeld	Strip <b>260</b> (	0+V	WEG	G-X12		Cable name	-1W2			
function text		capie type	cable type	Target designation	Connection point	Klemmentyp	clamp level	terminal	jumper	Target designation	Connection point	cable type			Pa	ge / column
			+\	/DC-X4	5:b	PTTB 1,5/S	ь	1		-1A2	+		BN		/1.3	
			1—	/DC-X3	7:c		2	2			-	†	BU		/1.3	
						PTTB 1,5/S	ь	3	•	-1A2		1	OR		/1.3	
						D-PTTB 1,5/S										
							2	4	•	-1A2			GN		/1.3	
												-				
												-				
												-				
			+												+	
												-				
												1				
												1				
												1				
															1	
												-				
			<u> </u>									-			1	
												-				
												1			1	
			+												+	
												1			+	
												1			1	
												1			1	
												-				

## Terminal diagram

WQKlemmen\_02

		-1W5	Cable name		=P	owerWeld	Strip 1 260	00+	BE-	-X15		Cable name		
function text		ÖLFLEX 150 QUATTRO	cable type	Target designation	Connection point	Klemmentyp	clamp level	terminal	jumper	Target designation	Connection point	cable type		Page / column
		1		-1XS5	1	PT 1,5/S-QUATTRO		1		+VDC-X4	212			/1.7
		2		-1XS5	2	PT 1,5/S-QUATTRO		2		+VDC-X3	2:a 3:b	† †		/1.7
		GNYE		-1XS5	3			3	•		2:0	<del> </del>		/1.8
		ONTIL		-		D-PT 1,5/S-QUATTRO		-				<del> </del>		1===
												1		
												+		
												1		
												1		
												1		
												1		
												1		
												1		
												1		
												1		
												1		
												1		
												] [		
												] [		
												] [		
												] [		
												] [		
												] [		
												] [		
												] [		
												] [		
												] [		

Alfred-Nobel-Str. 55-57
90765 Fürth
User erhan.coskun
Modification date name Printing date 26.07.2019

Tandem Diabetes

Alfred-Nobel-Str. 55-57
90765 Fürth
Www.lpkf-laserwelding.com
Www.lpkf-laserwelding.com
Nom

Alfred-Nobel-Str. 55-57
90765 Fürth
Www.lpkf-laserwelding.com
Www.lpkf-laserwelding.com
Nom

Alfred-Nobel-Str. 55-57
90765 Fürth
Www.lpkf-laserwelding.com
Nom

PowerWeld 2600

Drawing number
19\_V1919-0152\_en

PowerWeld 2600

Drawing number
19\_V1919-0152\_en

Page 107 from 119

## Terminal diagram

WQKlemmen\_02

			Cable name		=P	owerWeld	Strip 1 260	00+	-BE-	-X17		Cable name	-4W40.04	-5W40.26/1	-5W40.37/1		
function text			cable type	Target designation	Connection point	Klemmentyp	clamp level	terminal	jumper	Target designation	Connection point	cable type	ÖLFLEX 150 QUATTRO	Sensorleitung	Sensorleitung		Page / column
				+SPS-2A2	1	PTTB 1,5/S	н	1		-4\$40.04	2		1				/4.1
		+	- 1	+SPS-2A2	9	,-,-	2	2		-4\$40.04	1	†	2	_		-	/4.1
			- 1	+SPS-2A2	5	PTTB 1,5/S	ь	3		-4\$40.04	1	1	3	+		+	/4.3
			L	+SPS-2A2	13		2	4		-4\$40.04	2	1	4	+			/4.3
			İ	+VDC-X3	3:d	PTTB 1,5/S	-	5	•	-5XS40.26	1	1		BN			/5.2
				+VDC-X4	2:c		2	6	1	-5XS40.26	2			WH			/5.2
			İ			PTTB 1,5/S	н н	7		-5XS40.37	1	1			BN		/5.5
			Ī				2	8	•	-5XS40.37	2	1			WH		/5.5
				+SPS-2A2	3	PTTB 1,5/S	1	9	•	-5XS40.26	3			BL			/5.2
				+SPS-2A2	7		2	10	•	-5XS40.26	4			BK			/5.3
				+SPS-2A2	4	PTTB 1,5/S	H	11	•	-5XS40.37	3				BL		/5.5
						D-PTTB 1,5/S											
				+SPS-2A2	8		2	12	•	-5XS40.37	4	1			BK		/5.6
												1					
												1		_		_	
												1		_			
																1	
			-									-	<u> </u>	-		-	
		_	-									-		_		-	
		+	}									-					
		+	-									-		-		-	
		+	_									-	-	-		-	
		+	-									-		-		-	
		+	}									-		-		-	
		+ -	-									1	-	-		1	
			-									-		-			
		+	-									1	-	1		1	
		+	}									1	<u> </u>	-		-	
		+										1		1		1	
												1		+		-	
			-									1		-			
																	<u> </u>

Alfred-Nobel-Str. 55-57
90765 Fürth
User erhan.coskun
Modification date name Printing date 26.07.2019

Tandem Diabetes

Alfred-Nobel-Str. 55-57
90765 Fürth
Www.lpkf-laserwelding.com
Www.lpkf-laserwelding.com
Norm

Alfred-Nobel-Str. 55-57
90765 Fürth
Www.lpkf-laserwelding.com
Www.lpkf-laserwelding.com

PowerWeld 2600

SER.-NR.
LQ250QS-1919-0152

PowerWeld 2600

Drawing number
19\_V1919-0152\_en

page 108 from 119

# Terminal diagram

WQKlemmen\_02

	-W5	-2W1.0	Cable name		=P	owerWeld	Strip 1 260	00+	-BE-	-X20		Cable name	-2W1.0	-W5		
function text	ÖLFLEX 150 QUATTRO	UNITRONIC LIYY UL/CSA	cable type	Target designation	Connection point	Klemmentyp	clamp level	terminal	jumper	Target designation	Connection	cable type	UNITRONIC LIYY UL/CSA	ÖLFLEX 150 QUATTRO		Page / column
		BN		-2H1.0	1	PTTB 1,5/S	ь	1		+SPS-2A8	9				/2.1	
			1	+VDC-X3	3:c		2	2	•		0	-	WH		/2.1	
	1		1	-2H1.1	x1	PTTB 1,5/S	ь	3	•		10	f			/2.3	
			1				2	4	1	-2H1.1	x2	f		2	/2.3	
	3		1	-2H1.2	x1	PTTB 1,5/S	-	5	•	+SPS-2A8	11				/2.6	j
	4			-2H1.3	x1		2	6	•	+SPS-2A8	12				/2.8	}
	5		1	-3H1.4	x1	PTTB 1,5/S	-	7	•	+SPS-2A8	13				/3.1	
			1				2	8	•							
	6		1	-3S0.7	11	PTTB 1,5/S	-	9	•	+VDC-X4 2	2:b				/3.3	}
			1			D-PTTB 1,5/S										
				+SPS-2A5	8		2	10	•	-3S0.7 <sub>1</sub>	14			7	/3.3	}
			1													
			]													
			]													
			]													
												[				

Alfred-Nobel-Str. 55-57 90765 Fürth www.lpkf-laserwelding.com Tandem Diabetes erhan.coskun tested Modification Printing date 26.07.2019

26.07.2019

# Terminal diagram

erminal diagram												WQKlemme
	Capie Hallie		=Po	owerWeld		Cable name	-1W1					
function text	canie type	Target designation	Connection point	Klemmentyp	clamp level	terminal	jumper	Target designation	Connection point	cable type	ÖLFLEX® 150 QUATTRO	Page / column
		+VDC-X4	5:c	PTTB 1,5/S	ь	1		-1XS1	1		1	/1.2
		+VDC-X3	7:d		2	2	•	-1XS1	2	†	2	/1.2
		+SPS-2A5	9	PTTB 1,5/S	-	3	•	-1XS1	3	1	3	/1.6
				D-PTTB 1,5/S								
		+SPS-2A5	10		2	4	•	-1XS1	4		4	/1.8
				PT 1,5/S-QUATTRO-PE		5	•	-1XS1	PE		GNYE	/1.2
				D-PT 1,5/S-QUATTRO								
										1		
										-		
										-		
										-		
										-		
										-		
										-		
										-	$\vdash$	
										-	$\vdash$	
										-		
										-	$\vdash$	
										1	$\vdash$	
										1		
										1		
										1		
					1	I				_		

lodification								norm			1				PowerWeld 26	600	19	)_V1919	9-0152_e	en	page 11	10 from 11		
			User tested	erhan.coskun	-+	anuen	i Diabete	5		Laser & Electronics	90765 Fürl	th aserwelding.com	2600+NIO-	X18						rawing nur	mber	+	page	
				26.07.2019		Tandos	n Diabete				Alfred-Nob	el-Str. 55-57	terminalblo	ck diagra	am =P	PowerWeld	SERNR.	00S_10	19-0152			= KL	&	
19																								2
				'						•	'	•	' '				'		-			,		
									1															
									1									一						
									1															
																		$\top$		+ +				$\exists$
						+	+++		1						$\dashv$					+				
						_			1											+				
						+	+		1									$\vdash$		+				
						_	+		1									$\vdash$		+				$\dashv$
																		-+		+				-
					-				+									-						
_					$\vdash$	+	_		-									-			$\vdash$			$\dashv$
									-															_
							$\perp$		1															_
																		$\perp$			$\perp \perp$			
																								_
																							·	
																						,		7
									1															
									1															
									1											+ +				
						+			1						$\neg$			F		+				
						_														+				-
						+			1											+ +				
					1				1				1 1		- 1		I	- 1		-	1 1			

#### Terminal diagram

WQKlemmen\_02

	-2W46.15/1	-2W46.15/2	-3W46.37	-3W46.26	-2W46.04	-1W40.15	Cable name		=Po	owerWeld	Strip 260	0+	SEN	N-X18		Cable name	-1W40.15	-2W46.04	-3W46.26	-3W46.37	
function text	UNITRONIC LIYCY UL	UNITRONIC LIYCY UL	Sensorleitung	Sensorleitung	Sensorleitung	Sensorleitung	cable type	Target designation	Connection point	Klemmentyp	clamp level	terminal	jumper	Target designation	Connection point	cable type	Sensorleitung	Sensorleitung	Sensorleitung	Sensorleitung	Page / column
									1 2	DTTP 1 E/C		1		+VDC-X4	<u> </u>	+					
						WH		-1XS40.15 -1XS40.15	7	PTTB 1,5/S	1 2	2	┼.	+VDC-X4 +VDC-X3	7:a	+					/1.7
						VT BN		-1XS40.15	1	PTTB 1,5/S	1	3	<del>    </del>		9:a	-					/1.8 /1.8
						DIN		+SPS-2A2	2		2	4	╁.	-1XS40.15	3	-	BU				/1.7
						PK		-1XS40.15	6	PTTB 1,5/S	<u> </u>	5				1	BO				/1.8
								+SPS-2A2	6		2	6	<u> </u>	-1XS40.15	4	+-	BK				/1.8
					WH			-2XS46.04	2	PTTB 1,5/S	-	7	•	+VDC-X4	7:b	1					/2.3
					VT			-2XS46.04	7		2	8	<del>    ,</del>	+VDC-X3	9:b	1					/2.4
					BN			-2XS46.04	1	PTTB 1,5/S	<u> </u>	9	<b>+</b>		1	1					/2.3
								+SPS-2A3	1		2	10	<u></u>	-2XS46.04	3	1		BU			/2.3
					PK			-2XS46.04	6	PTTB 1,5/S	-	11	1			+					/2.3
								+SPS-2A3	5		2	12	.	-2XS46.04	4	1		BK			/2.3
				WH				-3XS46.26	2	PTTB 1,5/S	-	13	•	+VDC-X4	7:c	1					/3.3
				VT				-3XS46.26	7		2	14	<del>   </del>	+VDC-X3	9:c	1					/3.4
				BN				-3XS46.26	1	PTTB 1,5/S	-	15				1					/3.3
								+SPS-2A3	3		2	16	<del>   </del>	-3XS46.26	3	1			BU		/3.3
				PK				-3XS46.26	6	PTTB 1,5/S	-	17	1			1					/3.3
								+SPS-2A3	7		2	18	<u> </u>	-3XS46.26	4	1			BK		/3.3
			WH					-3XS46.37	2	PTTB 1,5/S	-	19	•	+VDC-X4	7:d	1					/3.7
			VT					-3XS46.37	7		2	20	<u> </u>	+VDC-X3	9:d	1					/3.8
			BN					-3XS46.37	1	PTTB 1,5/S	<u> </u>	21	1			†					/3.8
								+SPS-2A3	4		2	22	<u> </u>	-3XS46.37	3	1				BU	/3.7
			PK					-3XS46.37	6	PTTB 1,5/S	-	23	1			1					/3.8
								+SPS-2A3	8		2	24	•	-3XS46.37	4	1				BK	/3.8
		WH						-2XS46.15/2	4	PTTB 1,5/S	-	25	••			1					/2.7
		GN						-2XS46.15/2	6		2	26	-	+VDC-X3	4:a	1					/2.8
		BN						-2XS46.15/2	5	PTTB 1,5/S	-	27		+VDC-X4	3:a	1					/2.7
											2	28		•		1					/2.8
	WH							-2XS46.15/1	1	PTTB 1,5/S	-	29	••			1					/2.6
	GN							-2XS46.15/1	3		2	30	•	•		1					/2.6
	BN							-2XS46.15/1	2	PTTB 1,5/S	-	31	<b>+</b>								/2.6
	YE						1	-2XS46.15/1	4		2	32	<b>⊤</b> †•	•		1					/2.6
		YE						-2XS46.15/2	2	PTTB 1,5/S	-	33	1			1					/2.7
		GY						-2XS46.15/2	7		2	34		•		1					/2.7
							1	-2XS46.15/2	1	PTTB 1,5/S	-	35		+SPS-2A3	2	1					/2.8

Alfred-Nobel-Str. 55-57
90765 Fürth
User erhan.coskun
Modification date name Printing date 26.07.2019

Tandem Diabetes

Alfred-Nobel-Str. 55-57
90765 Fürth
Www.lpkf-laserwelding.com
Www.lpkf-laserwelding.com
Nom

Alfred-Nobel-Str. 55-57
90765 Fürth
Www.lpkf-laserwelding.com
Www.lpkf-laserwelding.com
Nom

Alfred-Nobel-Str. 55-57
90765 Fürth
Www.lpkf-laserwelding.com
Nom

PowerWeld 2600

Drawing number
19\_V1919-0152\_en

PowerWeld 2600

Drawing number
19\_V1919-0152\_en

Page 111 from 119

# Terminal diagram

WQKlemmen\_02

				-2W46.15/2	Cable name		=Pc	owerWeld	Strip <b>26</b> 0	0+9	SEN	I-X18		Cable name	-2W46.15/1	-2W46.15/2	
function text				UNITRONIC LIYCY UL	cable type	Target designation	Connection point	Klemmentyp	clamp level	terminal	jumper	Target designation	Connection point	cable type	UNITRONIC LIYCY UL	UNITRONIC LIYCY UL	Page / column
								D-PTTB 1,5/S									_
	$\vdash$			BU		-2XS46.15/2	3	2/5/5	2	36		+SPS-2A3	6	-			/2.8
	$\vdash$							PT 1,5/S-QUATTRO-PE		PE		-2XS46.15/1	5		RD		/2.6
				$\equiv$				D-PT 1,5/S-QUATTRO				-2XS46.15/2	8			RD	
				$\dashv$													
		-		$\dashv$								<u> </u>					
				$\dashv$													
				_													
				_													
	$\vdash$			$\dashv$								+					
		+		$\dashv$													
		+		$\dashv$													
		+		$\dashv$													
				$\dashv$													
				$\dashv$													
				$\dashv$													

Modification date name

26.07.2019

Printing date 26.07.2019

tested

erhan.coskun

Tandem Diabetes Lase

Alfred-Nobel-Str. 55-57
90765 Fürth
www.lpkf-laserwelding.com

terminalblock diagram =PowerWeld 2600+SEN-X18

# Terminal diagram

gram WQKlemmen\_02

	-1W8	-1W5	-1W3	Cable name		=Pc	werWeld	Strip <b>26</b> 0	0+/	AKT	-X16		Cable name		
function text	ÖLFLEX 150 QUATTRO	ÖLFLEX 150 QUATTRO	ÖLFLEX 150 QUATTRO	cable type	Target designation	Connection point	Klemmentyp	clamp level	terminal	jumper	Target designation	Connection point	cable type		Page / column
			1		-1Y3	x1	PT 1,5/S-QUATTRO		1		-1K1.6	2			/1.3
			2	-	-1Y3	x2			2		-1K1.6	4	-		/1.4
		1	_	1	-1Y5	x1	PT 1,5/S-QUATTRO		3		+FDO-1K20.2/B	4			/1.6
		2		1	-1Y5	x2			4		+FDO-1K20.2/B	6			/1.6
	1				-1Y8	x1	PT 1,5/S-QUATTRO		5	•	+FDO-1K20.3/B	2			/1.8
	2				-1Y8	x2	PT 1,5/S-QUATTRO		6	•	+FDO-1K20.3/B	4			/1.8
		GNYE		1	-1Y5		PT 1,5/S-QUATTRO-PE		7	•					/1.6
	GNYE			1	-1Y8		PT 1,5/S-QUATTRO-PE		8	•					/1.9
							D-PT 1,5/S-QUATTRO								
				-											
				-											
				-											
				-											
				-											
				-											
				-											
				-										+	
				-										+	
				1										+	
				1										-	+
														$\rightarrow$	
				1										$\overline{}$	
				1										+	+
				1										$\rightarrow$	
				1										$\overline{}$	+
					L					L	I				l

| Mate | Sex.-NR | Sex.-NR | Sex.-NR | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Composition | Compo

# Terminal diagram

WQKlemmen\_02

		Cable name		=P	owerWeld	Strip I 26(	00+	·DT-	-X25		Cable name			
function text		cable type	Target designation	Connection point	Klemmentyp	clamp level	terminal	jumper	Target designation	Connection point	cable type			Page / column
					PTTB 1,5/S	-	1		+VDC-X4	5:d				/1.1
					D-PTTB 1,5/S						† †			
		_				2	2	•	+SPS-2A5	15	1			/1.1
		$\dashv$												
											1			
											1 [			
											1			
											1			
											1			
											1			
											1			
		1									1			
		1									1			
		$\dashv$									1			
		7								1	1			
		=									1			
		$\dashv$									1		$\vdash$	
		+											$\Box$	
		$\dashv$								<u> </u>	1			
		$\dashv$									1		-	
		=								1	1			
		$\dashv$								<u> </u>	1		$\vdash$	
		+								1	$\vdash$		$\vdash$	
		$\dashv$									1		-	
		$\dashv$								<u> </u>	1		$\vdash$	
		$\dashv$								<del>                                     </del>	† †		$\vdash \vdash$	
		$\dashv$								<del>                                     </del>	† †		$\vdash$	
		+								<del>                                     </del>	$\vdash$		$\vdash$	
		$\dashv$									1 1		$\vdash$	
		$\dashv$									1		$\vdash \vdash \vdash$	
		$\dashv$								+	† †		$\vdash$	
		$\dashv$								+	<del> </del>		$\vdash$	
			l		<u> </u>				I	1				

Alfred-Nobel-Str. 55-57 90765 Fürth www.lpkf-laserwelding.com 26.07.2019 terminalblock diagram =PowerWeld 2600+DT-X25 LQ250QS-1919-0152 Tandem Diabetes erhan.coskun Drawing number page tested PowerWeld 2600 19\_V1919-0152\_en Modification Printing date 26.07.2019 page 114 from 119

## Terminal diagram

WQKlemmen\_02

		-1W1	Cable name	Strip =PowerWeld 2600+CPX-X16												
function text		ÖLFLEX 150 QUATTRO	cable type	Target designation	Connection point	Klemmentyp	clamp level	terminal	jumper	Target designation	Connection point	cable type				Page / column
		1		-2XS2	1	PT 1,5/S-QUATTRO		1		+VDC-X4	1:d				/1	.1
		2		-2XS2	2			2		+VDC-X5	1:b	<u> </u>		+	/1	
		3		-2XS2	3			3		+VDC-X3	3:a			+	/1	
		GNYE		-2XS2	4			4						+	/1	
						D-PT 1,5/S-QUATTRO								$\overline{}$	1	
														$\overline{}$	$\top$	
					1									$\overline{}$		
														_	+	
														-	+	
					+									_		
															+	
					+									-+	+	
					+									-+	+	
					+									-+	+	
					+									-+		
		+								+			$\vdash$	-+	+	
		+ +								+				-+	+	
														-	+	
														-	+	
		+												-	+	
															$\perp$	
		+ +													+	
															+	
															+	
		+												-	+	
		+													+	
		_													$\perp$	
															$\perp$	
		4													$\perp$	
															$\perp$	

Modification

26.07.2019 Tandem Diabetes erhan.coskun tested Printing date 26.07.2019

Alfred-Nobel-Str. 55-57 90765 Fürth www.lpkf-laserwelding.com

terminalblock diagram =PowerWeld 2600+CPX-X16

LQ250QS-1919-0152 Drawing number PowerWeld 2600 19\_V1919-0152\_en

=Kabel/1 = KL page 25 page 115 from 119 Cable overview

Cable designation

to

from

Cable type

CondctrsConductors used

Length

LPKF-part number

WQ\_F10\_003\_V3\_neue Norm

page

=PowerWeld 2600+EIN-1W1	=PowerWeld 2600+EIN-1XS1 =PowerWeld 2600+EIN-X1	H05VV-F/SJT	5,0	5	4,0	4	10048743 =PowerW	eld 2600+EIN/1
=PowerWeld 2600+EIN-1W2	=PowerWeld 2600+EIN-X1 =PowerWeld 2600+EIN-1S1	H05VV-F/SJT	5,0	5	4,0	4	10048743 =PowerW	eld 2600+EIN/1
	=PowerWeld 2600+EIN-1S1X							
=PowerWeld 2600+EIN-1W3	=PowerWeld 2600+EIN-X2 =PowerWeld 2600+EIN-1S1	ÖLFLEX® CONTROL TM	5	5	4	4	10053500 =PowerW	eld 2600+EIN/1
	=PowerWeld 2600+EIN-1S1X							
=PowerWeld 2600+BEL-1W3	=PowerWeld 2600+BEL-1X3 =PowerWeld 2600+BEL-X26	Sensorleitung	3	2	0,25	5	10057761 =PowerW	eld 2600+BEL/1
=PowerWeld 2600+KLI-1W1/A	=PowerWeld 2600+KLI-X2 =PowerWeld 2600+KLI-1M1/A	ÖLFLEX	3	3	1,5	5	403896 =PowerW	eld 2600+KLI/1
=PowerWeld 2600+KLI-1W1/B	=PowerWeld 2600+KLI-1M1/A =PowerWeld 2600+KLI-1M1/B	ÖLFLEX	3	3	1,5	3	403896 =PowerW	eld 2600+KLI/1
=PowerWeld 2600+LAS-1W4	=PowerWeld 2600+LAS-X2 =PowerWeld 2600+LAS-1G4	ÖLFLEX® 150 QUATTRO	3	3	2,5	7	10020192 =PowerW	eld 2600+LAS/1
=PowerWeld 2600+LAS-1W5	=PowerWeld 2600+LAS-X7 =PowerWeld 2600+LAS-1G4	ÖLFLEX 150 QUATTRO	3	2	1,5	7	403896 =PowerW	eld 2600+LAS/1
=PowerWeld 2600+LAS-1W6	=PowerWeld 2600+LAS-KL1-X10 =PowerWeld 2600+LAS-X7	UNITRONIC LIYY UL/CSA	5	4	24AWG	7	403881 =PowerW	eld 2600+LAS/1
=PowerWeld 2600+LAS-3W1	=PowerWeld 2600+LAS-X6 =PowerWeld 2600+LAS-3A1-3XS1	UNITRONIC LIYCY UL/CSA	5	4	24AWG	7	403885 =PowerW	eld 2600+LAS/3
	=PowerWeld 2600+LAS-XPE2							
=PowerWeld 2600+LAS-3W3	=PowerWeld 2600+LAS-3A1-3XS3 =PowerWeld 2600+SPS-1A1	Ethernet		1		7,5	407101 =PowerW	eld 2600+LAS/3
=PowerWeld 2600+SCN-1W1	=PowerWeld 2600+SCN-1A1-1XS1=PowerWeld 2600+SCN-X11	ÖLFLEX 150 QUATTRO	5	4	0,5	5	403891 =PowerW	eld 2600+SCN/1
=PowerWeld 2600+SCN-1W2	=PowerWeld 2600+SCN-1A1-1XS2=PowerWeld 2600+SCN-X11	UNITRONIC LIYCY UL/CSA	12	9	24AWG	5	403887 =PowerW	eld 2600+SCN/1
	=PowerWeld 2600+SCN-XPE2							
=PowerWeld 2600+SCN-1W3	=PowerWeld 2600+SCN-1A1-1XS3=PowerWeld 2600+PC-3A1-3XS15	UNITRONIC LIYCY UL/CSA	8	8	24AWG	0,6	403886 =PowerW	eld 2600+SCN/1
	=PowerWeld 2600+SCN-XPE5							
=PowerWeld 2600+SCN-2W1/A	=PowerWeld 2600+SCN-2A1-2XS1=PowerWeld 2600+SCN-X11	UNITRONIC® FD CP plus	10	9	0,34	5	=PowerW	eld 2600+SCN/2
	=PowerWeld 2600+SCN-SCH							
=PowerWeld 2600+SCN-2W1/B	=PowerWeld 2600+SCN-2A1-2XS1=PowerWeld 2600+SCN-1A1-1XS4	Daten		1			=PowerW	eld 2600+SCN/2
=PowerWeld 2600+PC-2W1	=PowerWeld 2600+PC-2A1 =PowerWeld 2600+PC-2A3	ÖLFLEX® 150 QUATTRO	3	2	2,5	5,5	10020192 =PowerW	eld 2600+PC/2
=PowerWeld 2600+PC-3W1	=PowerWeld 2600+PC-XPE1 =PowerWeld 2600+PC-3A1	ÖLFLEX 150 QUATTRO	3	3	0,75	5,5	403895 =PowerW	eld 2600+PC/3
	=PowerWeld 2600+PC-2A3 =PowerWeld 2600+PC-3A1-3XS1							
=PowerWeld 2600+PC-3W2/1	=PowerWeld 2600+PC-3XS2/1 =PowerWeld 2600+PC-3A1-3XS2	USB		1		2	=PowerW	eld 2600+PC/3
=PowerWeld 2600+PC-3W4/1	=PowerWeld 2600+PC-3XS4/1 =PowerWeld 2600+PC-3A1-3XS4	USB		1		3	10000193 =PowerW	eld 2600+PC/3
=PowerWeld 2600+PC-3W4/2	=PowerWeld 2600+PC-3XS4/1 =PowerWeld 2600+PC-3A4	USB		1			=PowerW	eld 2600+PC/3
=PowerWeld 2600+PC-3W6	=PowerWeld 2600+PC-2A3 =PowerWeld 2600+PC-3A1-3XS6	USB		1		5	406892 =PowerW	eld 2600+PC/3

=KL/25

26.07.2019 **Tandem Diabetes** erhan.coskun tested Modification Printing date 26.07.2019

20765 Fürth www.lpkf-laserwelding.com

Alfred-Nobel-Str. 55-57

Cable overview

= Kabel LQ250QS-1919-0152 Drawing number PowerWeld 2600 19\_V1919-0152\_en

page page 116 from 119

#### Cable overview

WQ\_F10\_003\_V3\_neue Norm

Cable designation	from	to	Cable type	CondctrsC	onductors used	Ø	Length	LPKF-part number	page
=PowerWeld 2600+PC-3W7	=PowerWeld 2600+PC-3XS7/1	=PowerWeld 2600+PC-3A1-3XS7	USB		1		3	10000193	=PowerWeld 2600+PC/3
=PowerWeld 2600+PC-3W10	=PowerWeld 2600+PC-3A1-3XS1	0 =PowerWeld 2600+SPS-1A1	Profinet		1		4,5	10060035	=PowerWeld 2600+PC/3
=PowerWeld 2600+PC-3W14/A	=PowerWeld 2600+PC-XPE2	=PowerWeld 2600+PC-3XS14/A	H05VV-F/UL OG G	3	3	1,5	6	10040533	=PowerWeld 2600+PC/3
	=PowerWeld 2600+PC-2K2								
=PowerWeld 2600+PC-3W14/B	=PowerWeld 2600+PC-3XS14/B	=PowerWeld 2600+PC-3A1-3XS14	HDMI-Kabel		1		3	10076206	=PowerWeld 2600+PC/3
=PowerWeld 2600+PC-4W1	=PowerWeld 2600+PC-3A1-3XS1	6 =PowerWeld 2600+SPS-2A10	UNITRONIC LIYCY UL/CSA	8	8	24AWG	5	403886	=PowerWeld 2600+PC/4
=PowerWeld 2600+PC-4W5	=PowerWeld 2600+PC-3A1-3XS1	7 =PowerWeld 2600+SPS-2A11	UNITRONIC LIYCY UL/CSA	8	8	24AWG	5	403886	=PowerWeld 2600+PC/4
=PowerWeld 2600+WEG-W1PB	=PowerWeld 2600+WEG-1A4	=PowerWeld 2600+SPS-1XS1	Profibus	1x2	1	0,64	0,6	10022814	=PowerWeld 2600+WEG/
=PowerWeld 2600+WEG-1W2	=PowerWeld 2600+WEG-X12	=PowerWeld 2600+WEG-1A2			4		2	10035608	=PowerWeld 2600+WEG/
=PowerWeld 2600+WEG-1W3	=PowerWeld 2600+WEG-1A2	=PowerWeld 2600+WEG-1A3			1		5	10035475	=PowerWeld 2600+WEG/
=PowerWeld 2600+BE-W1/1PB	=PowerWeld 2600+BE-1XS1/1	=PowerWeld 2600+BE-1X1	Profibus	1x2	2	0,64	1,5	10054165	=PowerWeld 2600+BE/1
	=PowerWeld 2600+BE-1A1								
=PowerWeld 2600+BE-W1/2PB	=PowerWeld 2600+BE-1XS1/1	=PowerWeld 2600+BE-1A1	Profibus	1x2	1	0,64	0,6	10022814	=PowerWeld 2600+BE/1
=PowerWeld 2600+BE-W1PB	=PowerWeld 2600+BE-1X1	=PowerWeld 2600+CPX-2A1	Profibus	1x2	1	0,64	3,5	10022819	=PowerWeld 2600+BE/1
=PowerWeld 2600+BE-W5	=PowerWeld 2600+BE-X20	=PowerWeld 2600+BE-2H1.1	ÖLFLEX 150 QUATTRO	12	7	0,5	6	403893	=PowerWeld 2600+BE/2
		=PowerWeld 2600+BE-2H1.2							
		=PowerWeld 2600+BE-2H1.3							
		=PowerWeld 2600+BE-3H1.4							
		=PowerWeld 2600+BE-3S0.7							
=PowerWeld 2600+BE-1W3	=PowerWeld 2600+BE-1XS3	=PowerWeld 2600+BE-1A1	USB		1		2		=PowerWeld 2600+BE/1
=PowerWeld 2600+BE-1W5	=PowerWeld 2600+BE-1XS5	=PowerWeld 2600+BE-X15	ÖLFLEX 150 QUATTRO	3	3	0,75	7	403895	=PowerWeld 2600+BE/1
=PowerWeld 2600+BE-1W5/1	=PowerWeld 2600+BE-1XS5	=PowerWeld 2600+BE-1A1	ÖLFLEX 150 QUATTRO	3	3	0,75		403895	=PowerWeld 2600+BE/1
=PowerWeld 2600+BE-2W1.0	=PowerWeld 2600+BE-X20	=PowerWeld 2600+BE-2H1.0	UNITRONIC LIYY UL/CSA	2	2	24AWG	5	403880	=PowerWeld 2600+BE/2
=PowerWeld 2600+BE-4W40.04	=PowerWeld 2600+BE-X17	=PowerWeld 2600+BE-4S40.04	ÖLFLEX 150 QUATTRO	5	4	0,5	7	403891	=PowerWeld 2600+BE/4
=PowerWeld 2600+BE-5W40.26/1	=PowerWeld 2600+BE-5XS40.26	=PowerWeld 2600+BE-X17	Sensorleitung	5	4	0,34	7,5	10045553	=PowerWeld 2600+BE/5
=PowerWeld 2600+BE-5W40.26/2	=PowerWeld 2600+BE-5XS40.26	=PowerWeld 2600+BE-5A40.26			4		2		=PowerWeld 2600+BE/5
=PowerWeld 2600+BE-5W40.37/1	=PowerWeld 2600+BE-5XS40.37	=PowerWeld 2600+BE-X17	Sensorleitung	5	4	0,34	7,5	10045553	=PowerWeld 2600+BE/5
=PowerWeld 2600+BE-5W40.37/2	=PowerWeld 2600+BE-5XS40.37	=PowerWeld 2600+BE-5A40.37			4		2		=PowerWeld 2600+BE/5
=PowerWeld 2600+NIO-1W1	=PowerWeld 2600+NIO-1XS1	=PowerWeld 2600+NIO-X18	ÖLFLEX® 150 QUATTRO	5	5	1	4	10001783	=PowerWeld 2600+NIO/1

| Alfred-Nobel-Str. 55-57 | Cable overview | SER.-NR. | LQ250QS-1919-0152 | Ested | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Laser & Electronics | Lase

Cable overview

WQ\_F10\_003\_V3\_neue Norm

Cable designation	from to	Cable type	Condctr <b>€</b>	onductors used	Ø	Length	LPKF-part number	page
=PowerWeld 2600+SEN-1W40.15	=PowerWeld 2600+SEN-1XS40.15 =PowerWeld 2600+SEN-X18	Sensorleitung	8	6	0,25	7,5	10093969	=PowerWeld 2600+SEN/
=PowerWeld 2600+SEN-2W46.04	=PowerWeld 2600+SEN-2XS46.04 =PowerWeld 2600+SEN-X18	Sensorleitung	8	6	0,25	5	404267	=PowerWeld 2600+SEN/
=PowerWeld 2600+SEN-2W46.15/1	=PowerWeld 2600+SEN-2XS46.15/PowerWeld 2600+SEN-X18	UNITRONIC LIYCY UL	8	5	24AWG	7	403886	=PowerWeld 2600+SEN/
=PowerWeld 2600+SEN-2W46.15/2	=PowerWeld 2600+SEN-2XS46.15/⊋PowerWeld 2600+SEN-X18	UNITRONIC LIYCY UL	8	8	24AWG	7	403886	=PowerWeld 2600+SEN/
=PowerWeld 2600+SEN-3W46.26	=PowerWeld 2600+SEN-3XS46.26 =PowerWeld 2600+SEN-X18	Sensorleitung	8	6	0,25	7,5	10093969	=PowerWeld 2600+SEN/
=PowerWeld 2600+SEN-3W46.37	=PowerWeld 2600+SEN-3XS46.37 =PowerWeld 2600+SEN-X18	Sensorleitung	8	6	0,25	7,5	10093969	=PowerWeld 2600+SEN/
=PowerWeld 2600+SEN-4W7.0	=PowerWeld 2600+SEN-4XS7.0 =PowerWeld 2600+CPX-2A2/X1	Sensorleitung	3	3	0,25	2	10026954	=PowerWeld 2600+SEN,
=PowerWeld 2600+SEN-4W7.1	=PowerWeld 2600+SEN-4XS7.1 =PowerWeld 2600+CPX-2A2/X2	Sensorleitung	3	3	0,25	2	10026954	=PowerWeld 2600+SEN,
=PowerWeld 2600+SEN-4W7.2	=PowerWeld 2600+SEN-4XS7.2 =PowerWeld 2600+CPX-2A2/X3	Sensorleitung	3	3	0,25	3	10061570	=PowerWeld 2600+SEN
=PowerWeld 2600+SEN-4W7.3	=PowerWeld 2600+SEN-4XS7.3 =PowerWeld 2600+CPX-2A2/X4	Sensorleitung	3	3	0,25	3	10061570	=PowerWeld 2600+SEN
=PowerWeld 2600+SEN-5W7.4	=PowerWeld 2600+SEN-5XS7.4 =PowerWeld 2600+CPX-2A2/X5	Sensorleitung	3	3	0,25	2	10026954	=PowerWeld 2600+SEN
=PowerWeld 2600+SEN-5W7.5	=PowerWeld 2600+SEN-5XS7.5 =PowerWeld 2600+CPX-2A2/X6	Sensorleitung	3	3	0,25	2	10026954	=PowerWeld 2600+SEN
=PowerWeld 2600+SEN-5W7.6	=PowerWeld 2600+SEN-5XS7.6 =PowerWeld 2600+CPX-2A2/X7	Sensorleitung	3	3	0,25	2	10026954	=PowerWeld 2600+SEN
=PowerWeld 2600+SEN-5W7.7	=PowerWeld 2600+SEN-5XS7.7 =PowerWeld 2600+CPX-2A2/X8	Sensorleitung	3	3	0,25	2	10026954	=PowerWeld 2600+SEN
=PowerWeld 2600+SEN-6W8.0	=PowerWeld 2600+SEN-6XS8.0 =PowerWeld 2600+CPX-2A3/X1	Sensorleitung	3	3	0,25	4	10041842	=PowerWeld 2600+SEN
=PowerWeld 2600+SEN-6W8.1	=PowerWeld 2600+SEN-6XS8.1 =PowerWeld 2600+CPX-2A3/X2	Sensorleitung	3	3	0,25	2	10026954	=PowerWeld 2600+SEN
=PowerWeld 2600+SEN-6W8.2	=PowerWeld 2600+SEN-6XS8.2 =PowerWeld 2600+CPX-2A3/X3	Sensorleitung	3	3	0,25	3	10061570	=PowerWeld 2600+SEN
=PowerWeld 2600+SEN-6W8.3	=PowerWeld 2600+SEN-6XS8.3 =PowerWeld 2600+CPX-2A3/X4	Sensorleitung	3	3	0,25	2	10026954	=PowerWeld 2600+SEN
=PowerWeld 2600+SEN-7W8.4	=PowerWeld 2600+CPX-2A3/X5 =PowerWeld 2600+SEN-7S8.4	Sensorleitung	3	3	0,25	5	407104	=PowerWeld 2600+SEN
=PowerWeld 2600+SEN-7W8.5	=PowerWeld 2600+SEN-7XS8.5 =PowerWeld 2600+CPX-2A3/X6	Sensorleitung	3	3	0,25	5	407104	=PowerWeld 2600+SEN
=PowerWeld 2600+SEN-7W8.6	=PowerWeld 2600+SEN-7XS8.6 =PowerWeld 2600+CPX-2A3/X7	Sensorleitung	3	3	0,25	1	10026955	=PowerWeld 2600+SEN
=PowerWeld 2600+SEN-7W8.7	=PowerWeld 2600+SEN-7XS8.7 =PowerWeld 2600+CPX-2A3/X8	Sensorleitung	3	3	0,25	5	407104	=PowerWeld 2600+SEN
=PowerWeld 2600+SEN-8W9.0	=PowerWeld 2600+CPX-2A4/X1 =PowerWeld 2600+SEN-8B9.0	Sensorleitung	3	3	0,25	1	10026953	=PowerWeld 2600+SEN
=PowerWeld 2600+SEN-8W9.1	=PowerWeld 2600+CPX-2A4/X2 =PowerWeld 2600+SEN-8B9.1	Sensorleitung	3	3	0,25	1	10026953	=PowerWeld 2600+SEN
=PowerWeld 2600+SEN-8W9.2	=PowerWeld 2600+CPX-2A4/X3 =PowerWeld 2600+SEN-8B9.2	Sensorleitung	3	3	0,25	1	10026953	=PowerWeld 2600+SEN
=PowerWeld 2600+SEN-8W9.3	=PowerWeld 2600+CPX-2A4/X4 =PowerWeld 2600+SEN-8B9.3	Sensorleitung	3	3	0,25	1	10026953	=PowerWeld 2600+SEN
=PowerWeld 2600+SEN-9W9.4	=PowerWeld 2600+CPX-2A4/X5 =PowerWeld 2600+SEN-9B9.4	Sensorleitung	3	3	0,25	1	10026953	=PowerWeld 2600+SEN
=PowerWeld 2600+SEN-9W9.5	=PowerWeld 2600+CPX-2A4/X6 =PowerWeld 2600+SEN-9B9.5	Sensorleitung	3	3	0,25	1	10026953	=PowerWeld 2600+SEN
=PowerWeld 2600+SEN-9W9.6	=PowerWeld 2600+CPX-2A4/X7 =PowerWeld 2600+SEN-9B9.6	Sensorleitung	3	3	0,25	1	10026953	=PowerWeld 2600+SEN

| Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modification | Modi

#### Cable overview

WQ\_F10\_003\_V3\_neue Norm

Cable designation	from	to	Cable type	Condctr <b>s</b> €	onductors used	Ø	Length	LPKF-part number	page
=PowerWeld 2600+SEN-9W9.7	=PowerWeld 2600+CPX-2A4/X8	=PowerWeld 2600+SEN-9B9.7	Sensorleitung	3	3	0,25	1	10026953	=PowerWeld 2600+SEN/9
=PowerWeld 2600+AKT-1W3	=PowerWeld 2600+AKT-X16	=PowerWeld 2600+AKT-1Y3	ÖLFLEX 150 QUATTRO	2	2	0,5	6,5	403888	=PowerWeld 2600+AKT/1
=PowerWeld 2600+AKT-1W5	=PowerWeld 2600+AKT-X16	=PowerWeld 2600+AKT-1Y5	ÖLFLEX 150 QUATTRO	3	3	0,75	6	403895	=PowerWeld 2600+AKT/1
=PowerWeld 2600+AKT-1W8	=PowerWeld 2600+AKT-X16	=PowerWeld 2600+AKT-1Y8	ÖLFLEX 150 QUATTRO	3	3	0,75	6	403895	=PowerWeld 2600+AKT/1
=PowerWeld 2600+SPS-W1PB	=PowerWeld 2600+WEG-1A4	=PowerWeld 2600+SPS-2A1	Profibus	1x2	0	0,64	1	405190	=PowerWeld 2600+SPS/2
=PowerWeld 2600+SPS-W10PB	=PowerWeld 2600+SPS-1XS1	=PowerWeld 2600+SPS-1A5	Profibus	1x2	1	0,64			=PowerWeld 2600+SPS/1
	=PowerWeld 2600+SPS-1A1								
=PowerWeld 2600+SPS-1W5	=PowerWeld 2600+SPS-XS8	=PowerWeld 2600+SPS-1A5	Ethernet		1		5	10023774	=PowerWeld 2600+SPS/1
=PowerWeld 2600+CPX-W1PB	=PowerWeld 2600+SPS-2A1	=PowerWeld 2600+CPX-2A1	Profibus	1x2	1	0,64	3,5	10022819	=PowerWeld 2600+CPX/1
=PowerWeld 2600+CPX-1W1	=PowerWeld 2600+CPX-2XS2	=PowerWeld 2600+CPX-X16	ÖLFLEX 150 OUATTRO	4	4	0.5	4.5	403890	=PowerWeld 2600+CPX/1