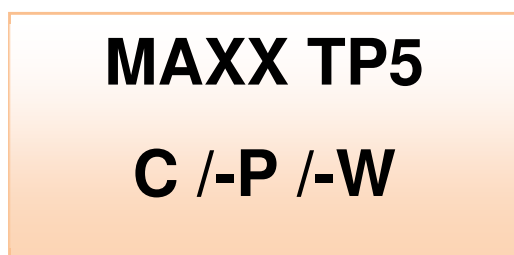
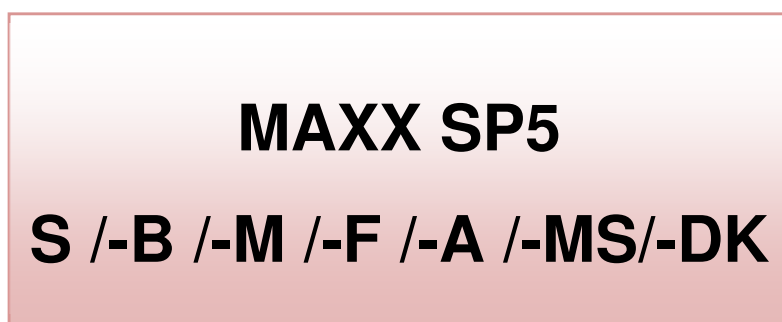


# CIRCUIT DIAGRAM



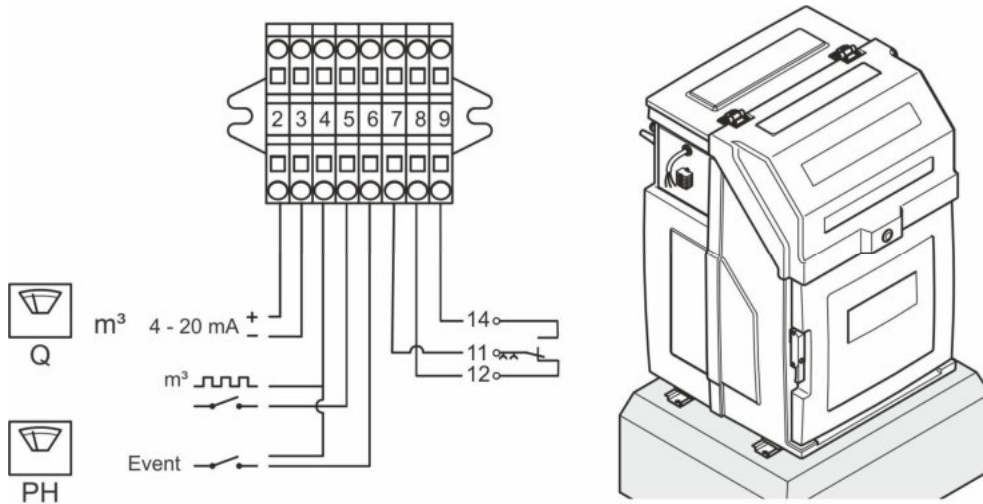
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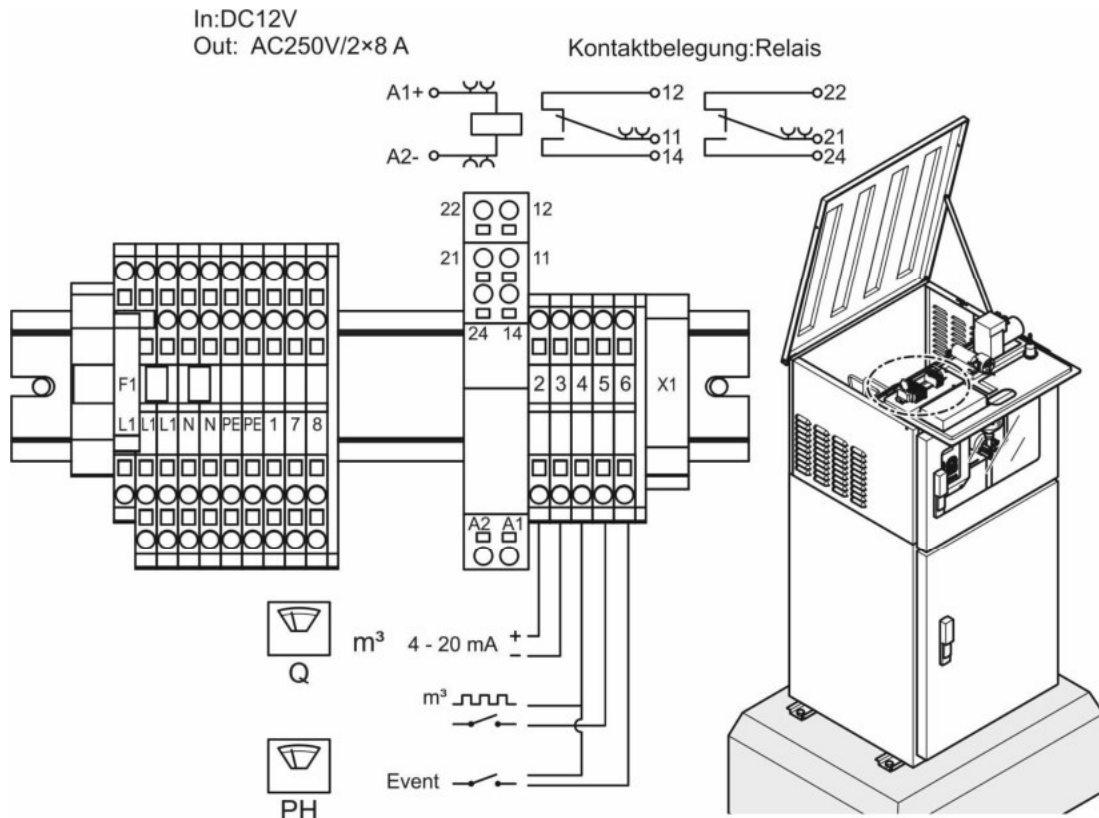
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## Stationary Samplers

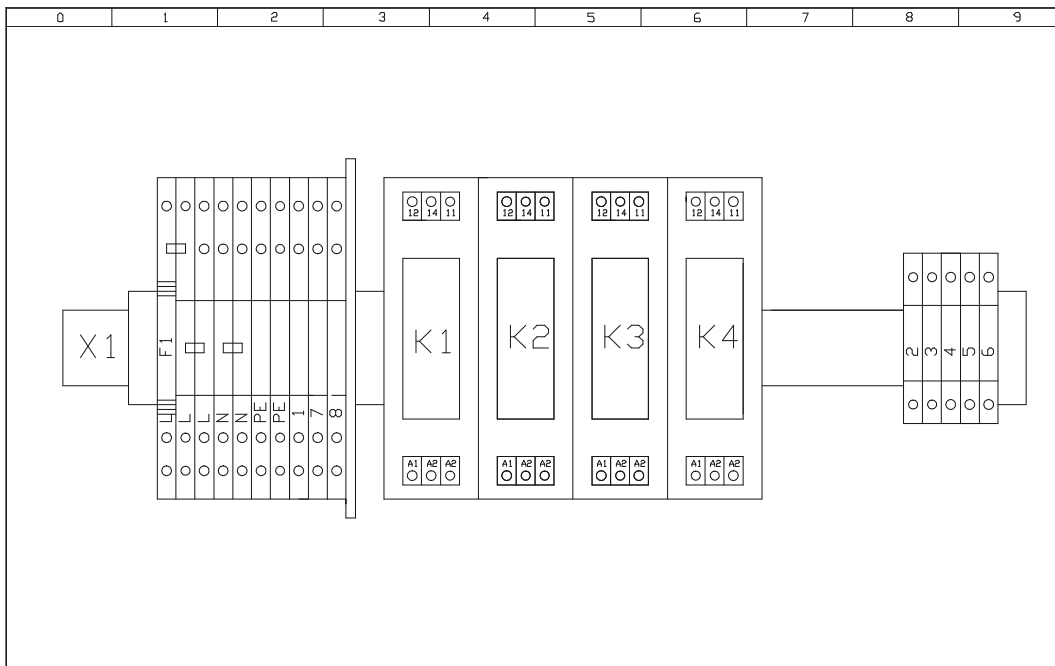
### Signalconnection analogue/digital SP5 B



### Signalconnection analogue /digital SP5 S - SP5 S-MS



## Circuit diagram terminal connections SP5 S /-B /-M /-F /-A /-MS



Eingangssignale / Input signals / Signaux d'entrée	
analog /analogue /analogique +	2
analog /analogue /analogique -	3
Com	4
digital/digital/numérique	5
Ereignis/event/événement	6

**Remark: K2 up to K4 are optional**

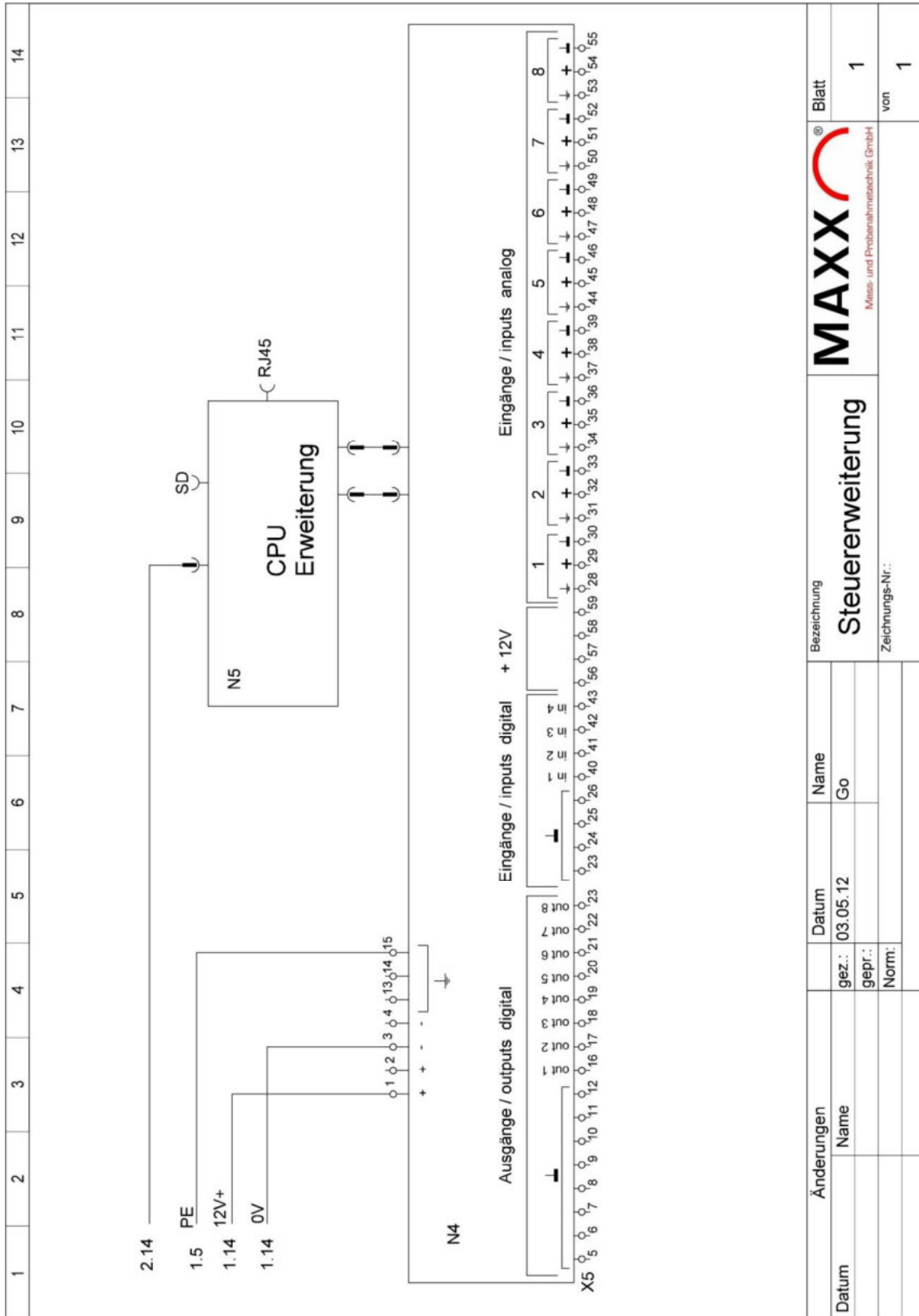
## Overview Functions of digital Inputs


Input 1	Flow digital
Input 2	Event
Input 3	Manual sample external
Input 4	External Resetbutton (Option)
Input 5	Free programmable
Input 6	Sensor bottleposition Selfemptying
Input 7	Sensor Position 1 Selfemptying
Input 8	Sensor bottle valve Selfemptying

## Overview Functions of digital Outputs

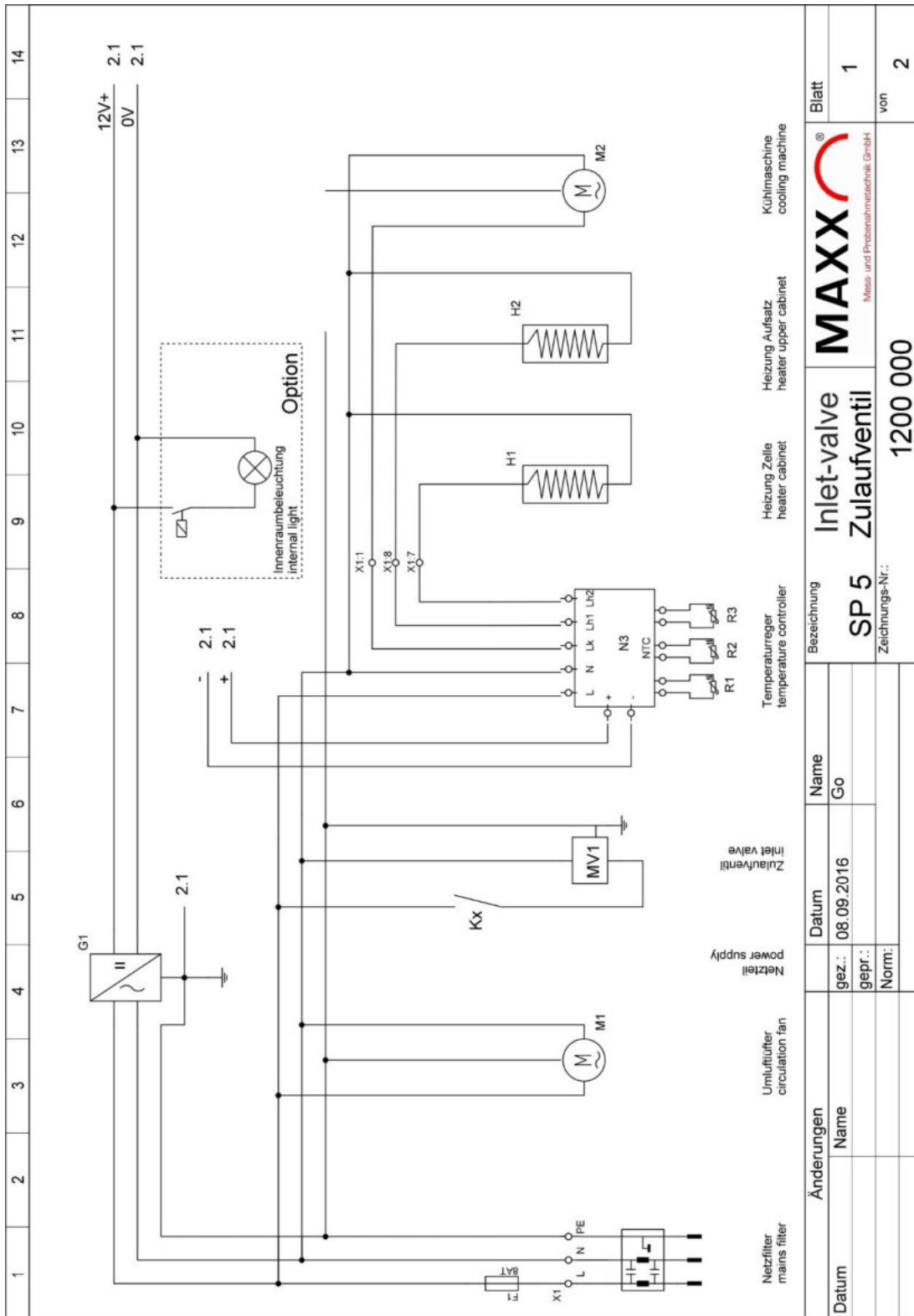
Output 1	<ul style="list-style-type: none"> <li>-Aeration valve Var-system</li> <li>- Aeration valve Power booster</li> <li>-2nd pinch valve on/off double-dosing system</li> <li>-MV1 (solenoid) Zone 2</li> </ul>
Output 2	<ul style="list-style-type: none"> <li>-2ter pinch valve left/right for double-dosing system</li> <li>-MV2 (solenoid) Zone 2</li> </ul>
Output 3	<ul style="list-style-type: none"> <li>-MV3 (solenoid) Zone2</li> <li>-K6 bei Selfemptying 2x10, 4x5</li> </ul>
Output 4	<ul style="list-style-type: none"> <li>-Motor outlet valve Selfemptying</li> <li>-K7 bei Selfemptying 2x10, 4x5</li> </ul>
Output 5	<ul style="list-style-type: none"> <li>-Motor inside/outside on/off for Selfemptying</li> <li>-K8 for Selfemptying 2x10, 4x5</li> </ul>
Output 6	<ul style="list-style-type: none"> <li>- Motor inside/outside right/left Selfemptying.</li> <li>-Switch Motor 1/2 for 2x10, 4x5</li> </ul>
Output 7	<ul style="list-style-type: none"> <li>-rinsing valve Selfemptying 12/24</li> <li>-Revers Motor 1/2 for 2x10, 4x5</li> <li>-MV4 (solenoid) Zone 2</li> <li>-Rinsing valve Faeko</li> <li>-Motor 1/2 for X/Y-distributor</li> </ul>
Output 8	malfunction message

## Circuit diagram I/O add-on connector 0010303



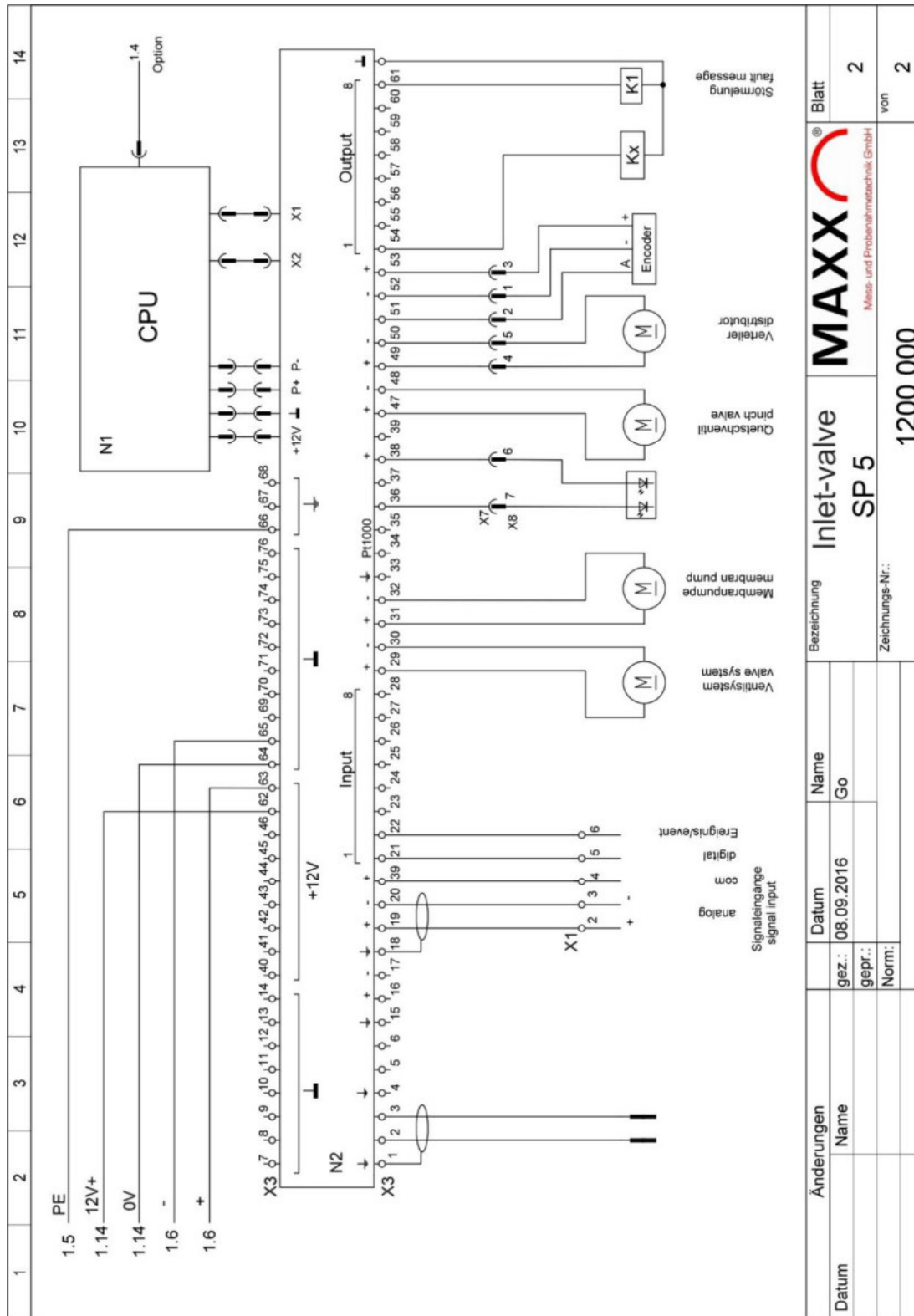
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Datum	gez.: 03.05.12	03.05.12	Go	 Mess- und Probenahmetechnik GmbH	1
	gepr.:				von
	Norm:				1

## Circuit diagram INLET-VALVE

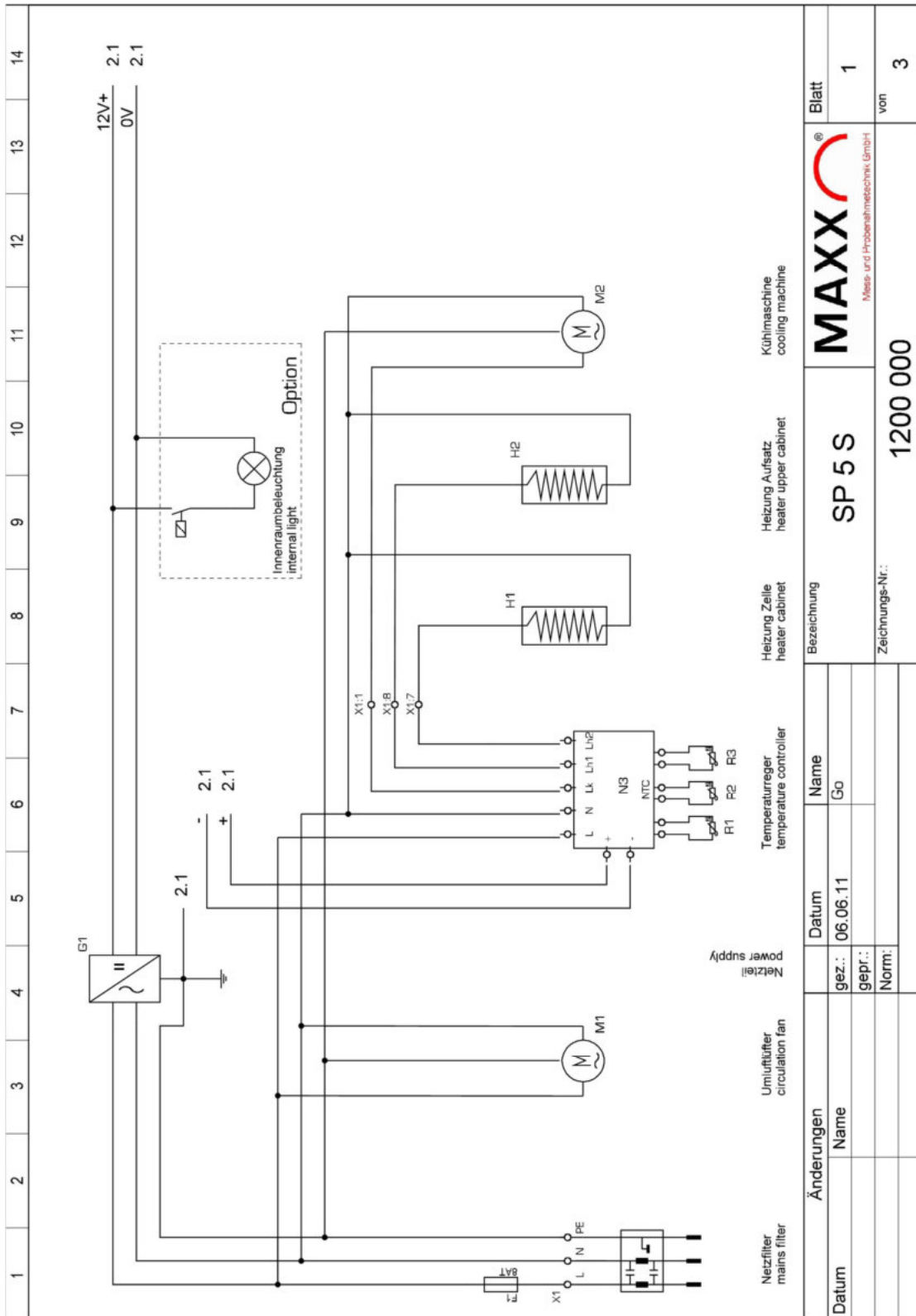




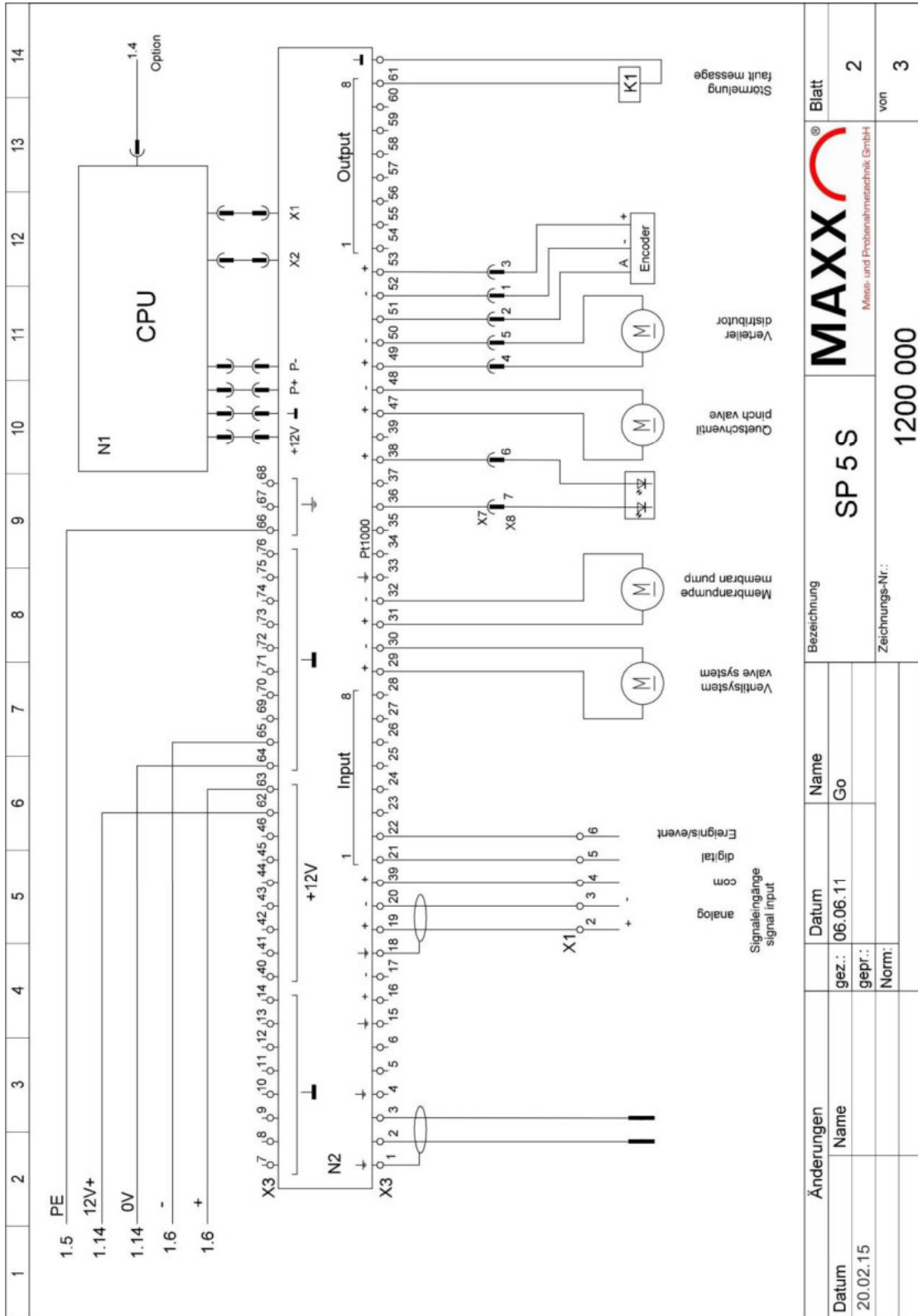
## Circuit diagram INLET-VALVE S.2



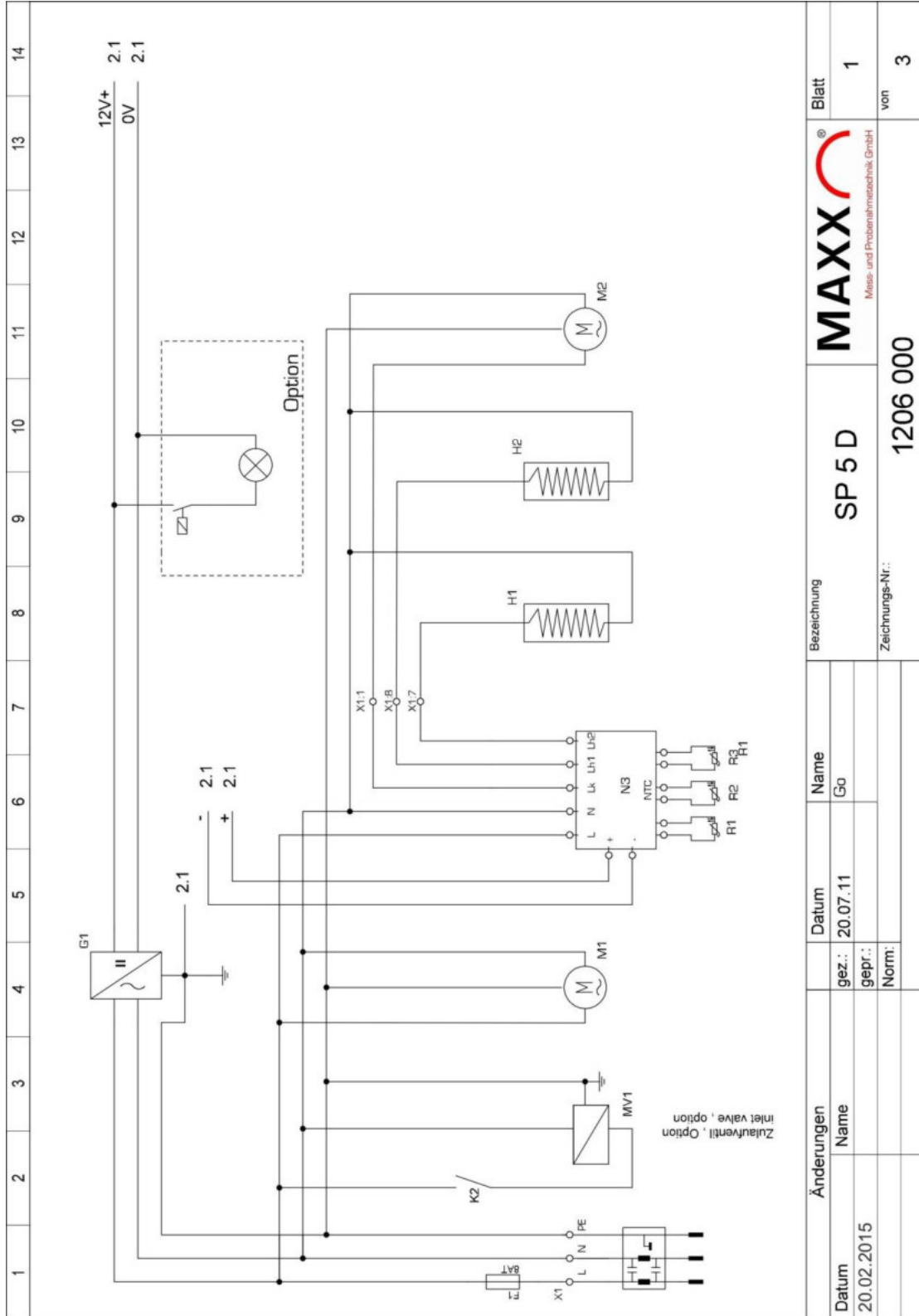
## Circuit diagram SP5 S mains, Page 1



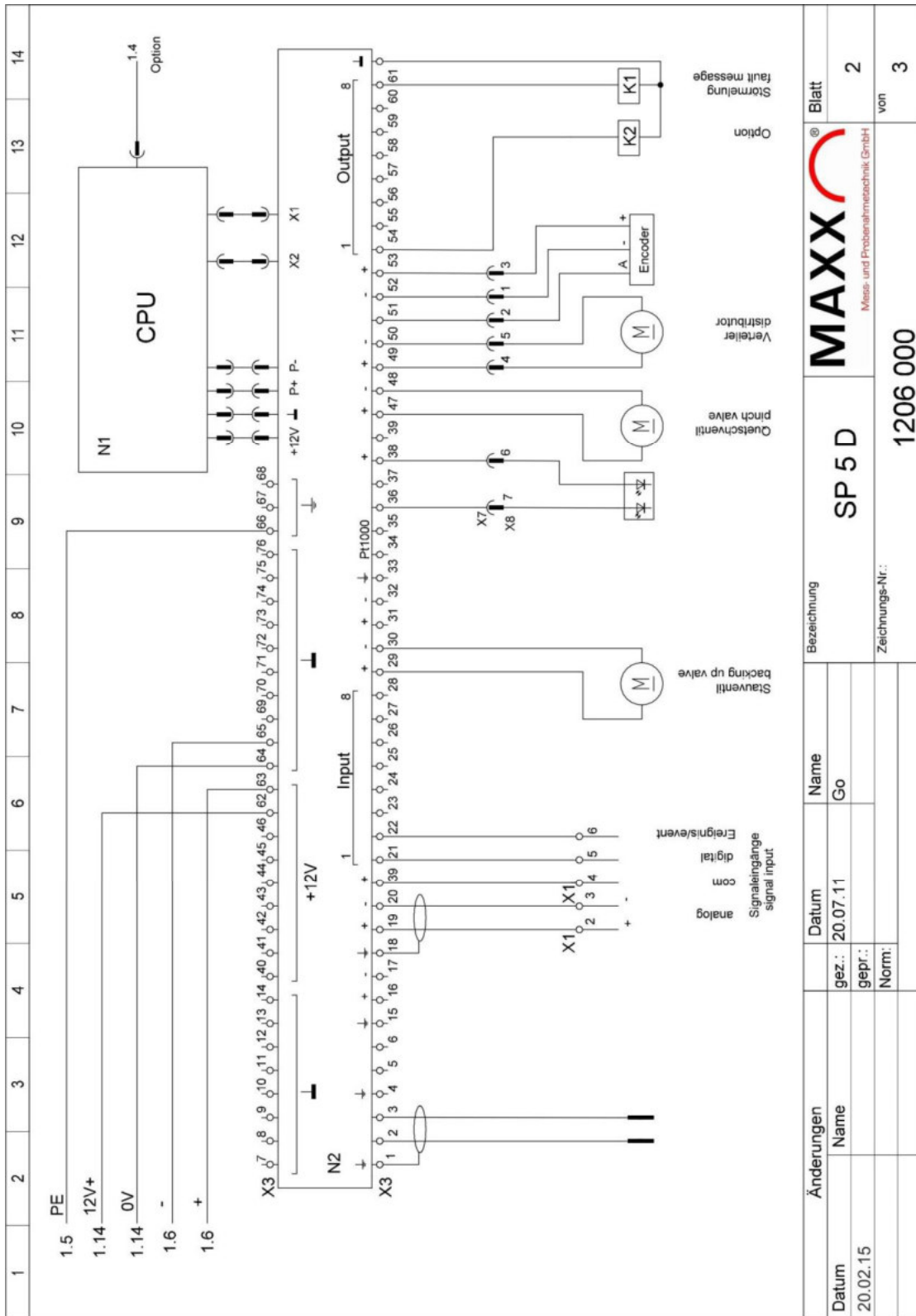
## Circuit diagram SP5 S Vacuumsystem, Page 2



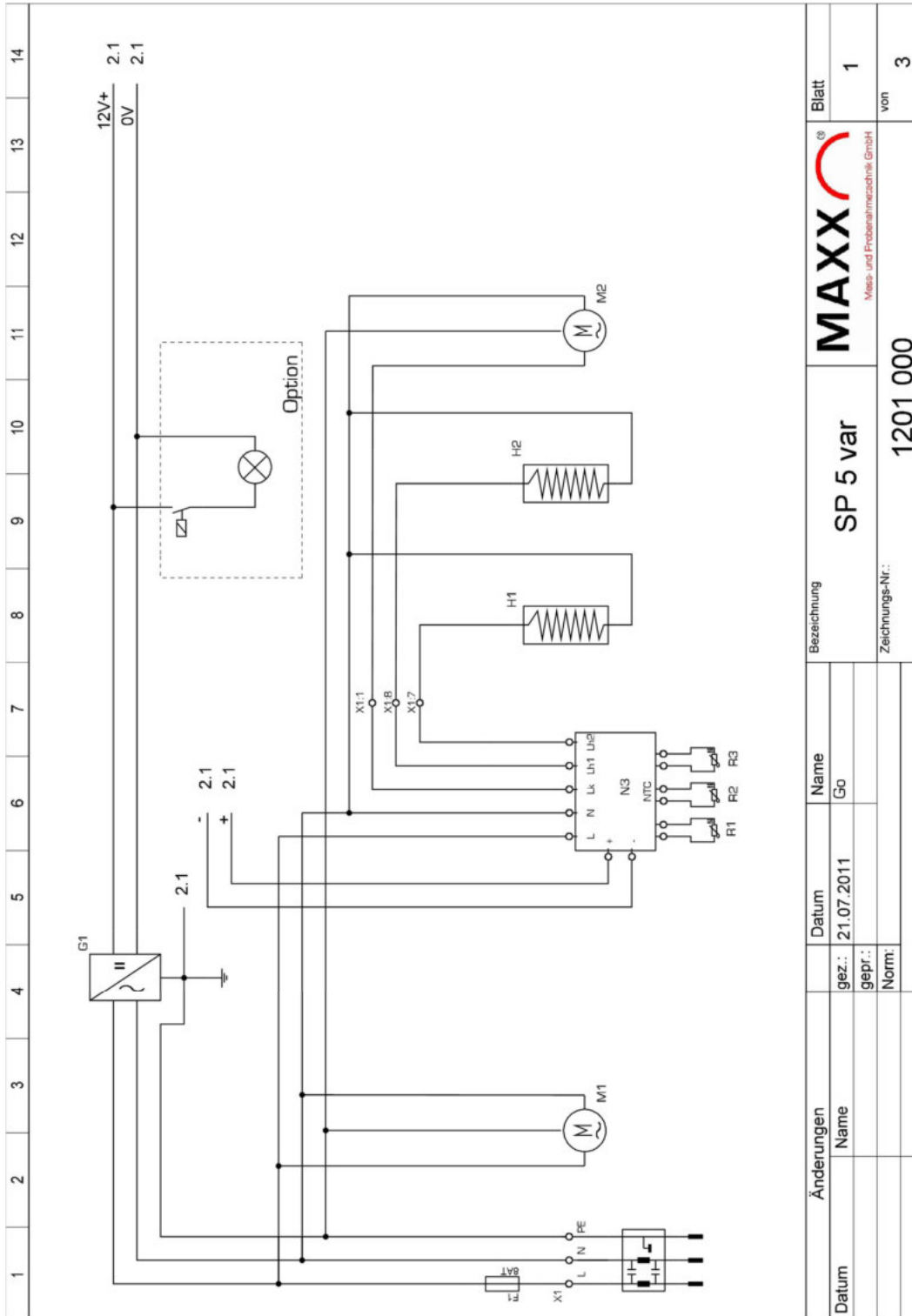
## Circuit diagram SP5 D (Bypass-Flow-Through) mains, page 1



## Circuit diagram SP5 D (Bypass-Flow-Through), page 2



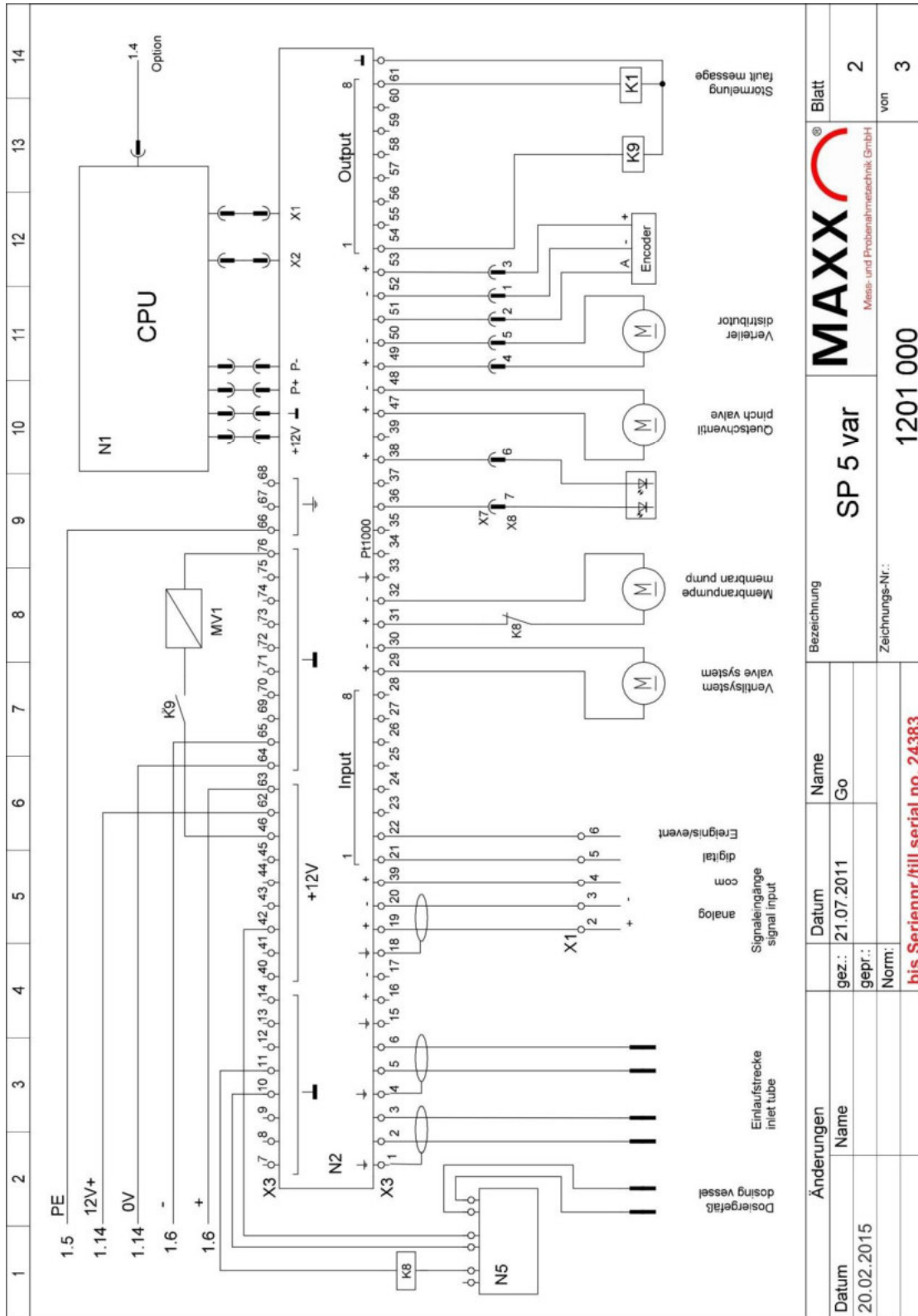
## Circuit diagram SP5 VAR -Flowproportional, mains page 1



Änderungen		Datum	Name	Bezeichnung	Blatt
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	Norm:				
				Zeichnungs-Nr.:	von
				1201 000	3

## Circuit diagram SP5 VAR -Flowproportional, page 2 –old-

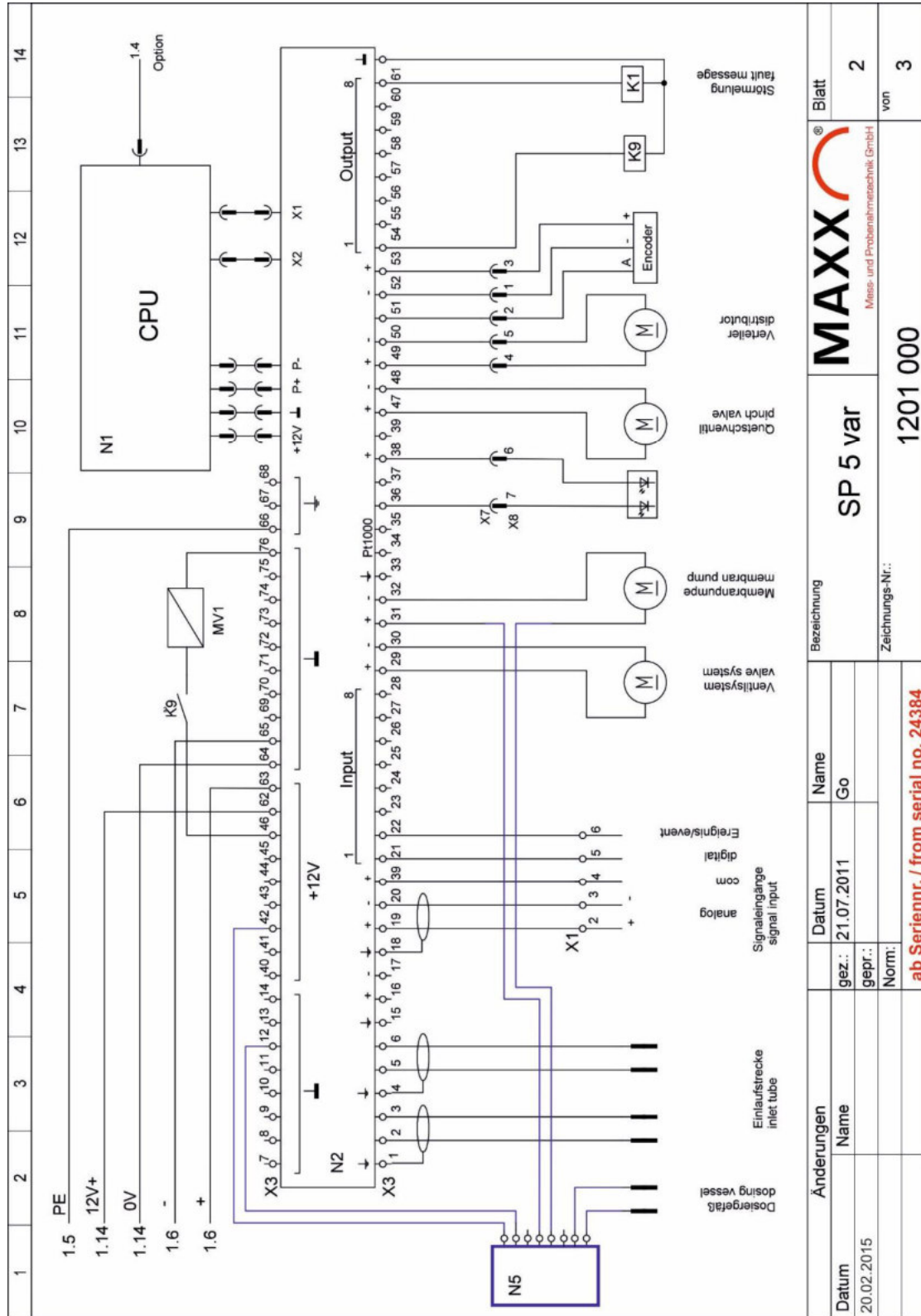
valid till Serial No. 24383 !



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## Circuit diagram SP5 VAR -Flowproportional, page 2 –new-

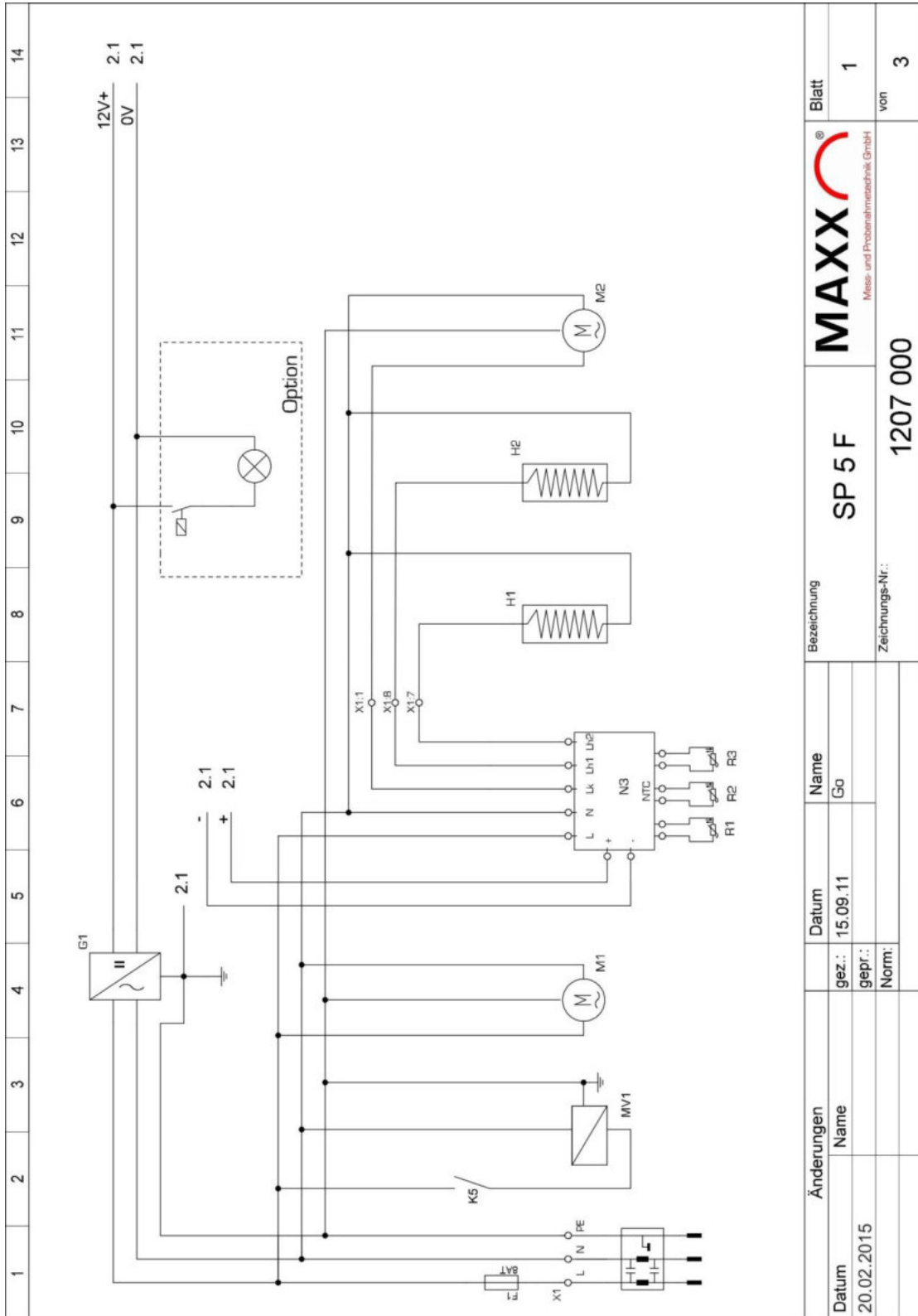
valid from Serial No. 24384 !



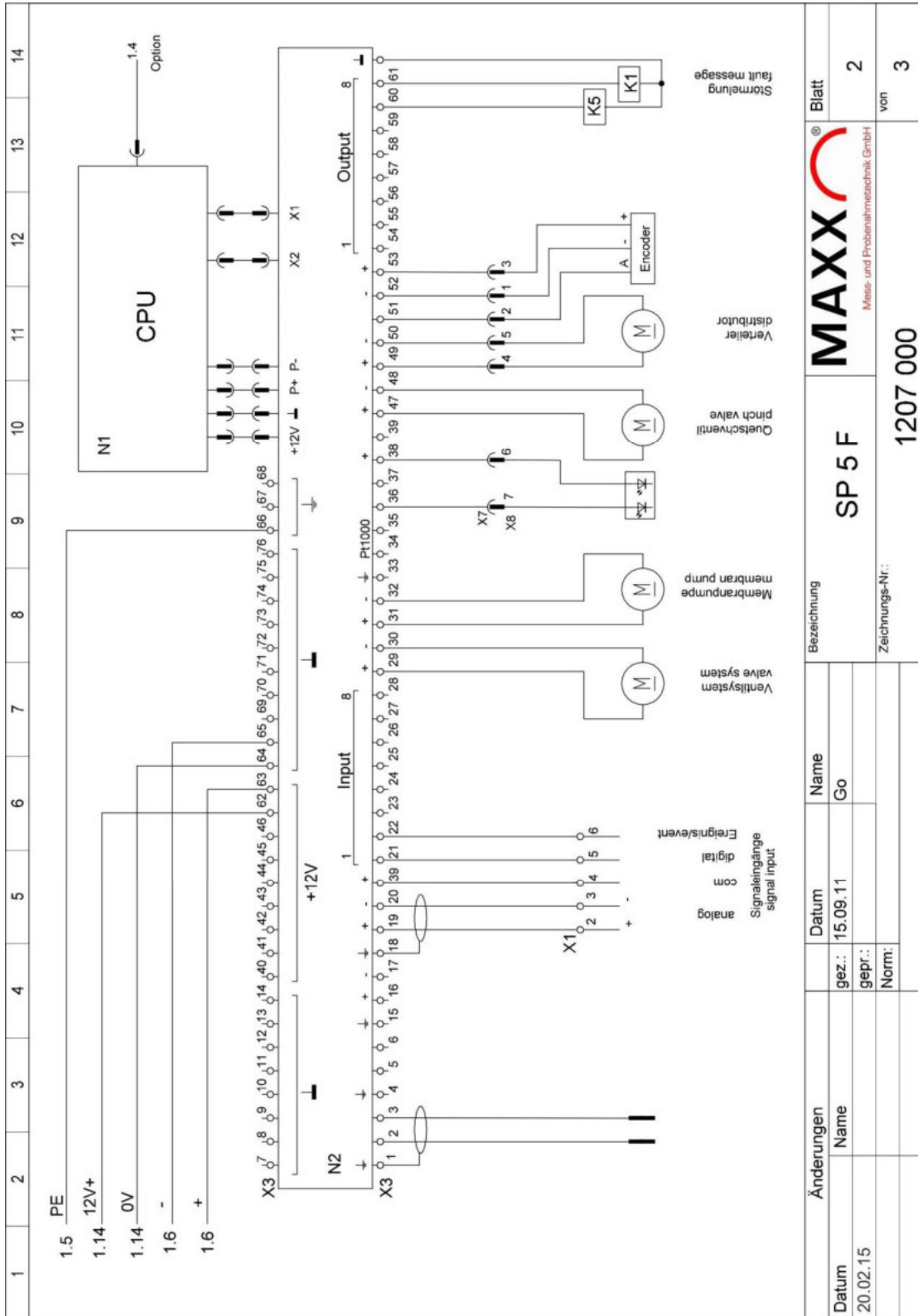
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Datum	Name	gez.:	Name	SP 5 var		2	
20.02.2015	Go	gepr.:		1201 000		von	
		Norm:		ab Seriennr. / from serial no. 24384		3	



## Circuit diagram SP5 ff FAEKO, mains Page 1

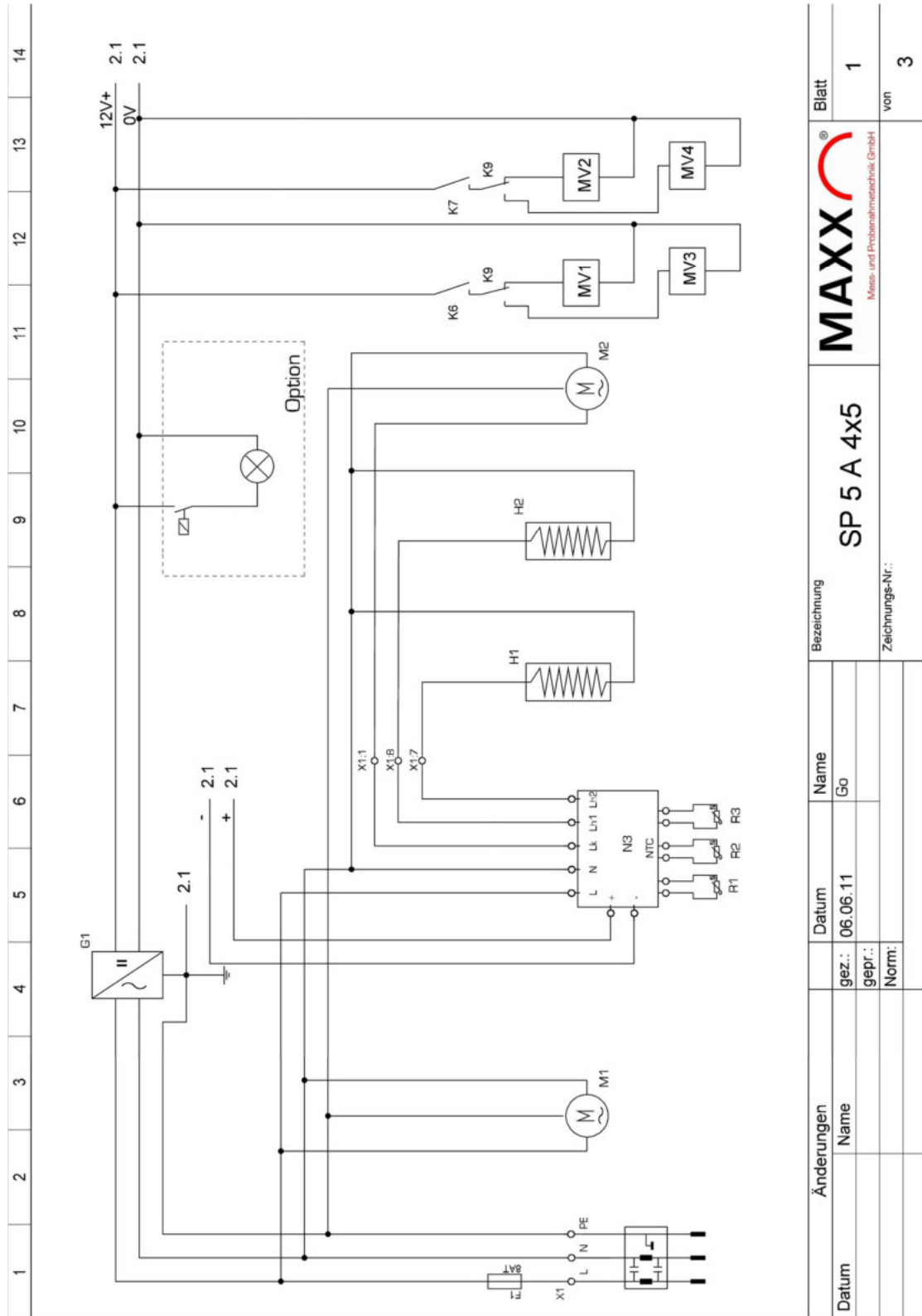


## Circuit diagram SP5 ff FAEKO, Page 2



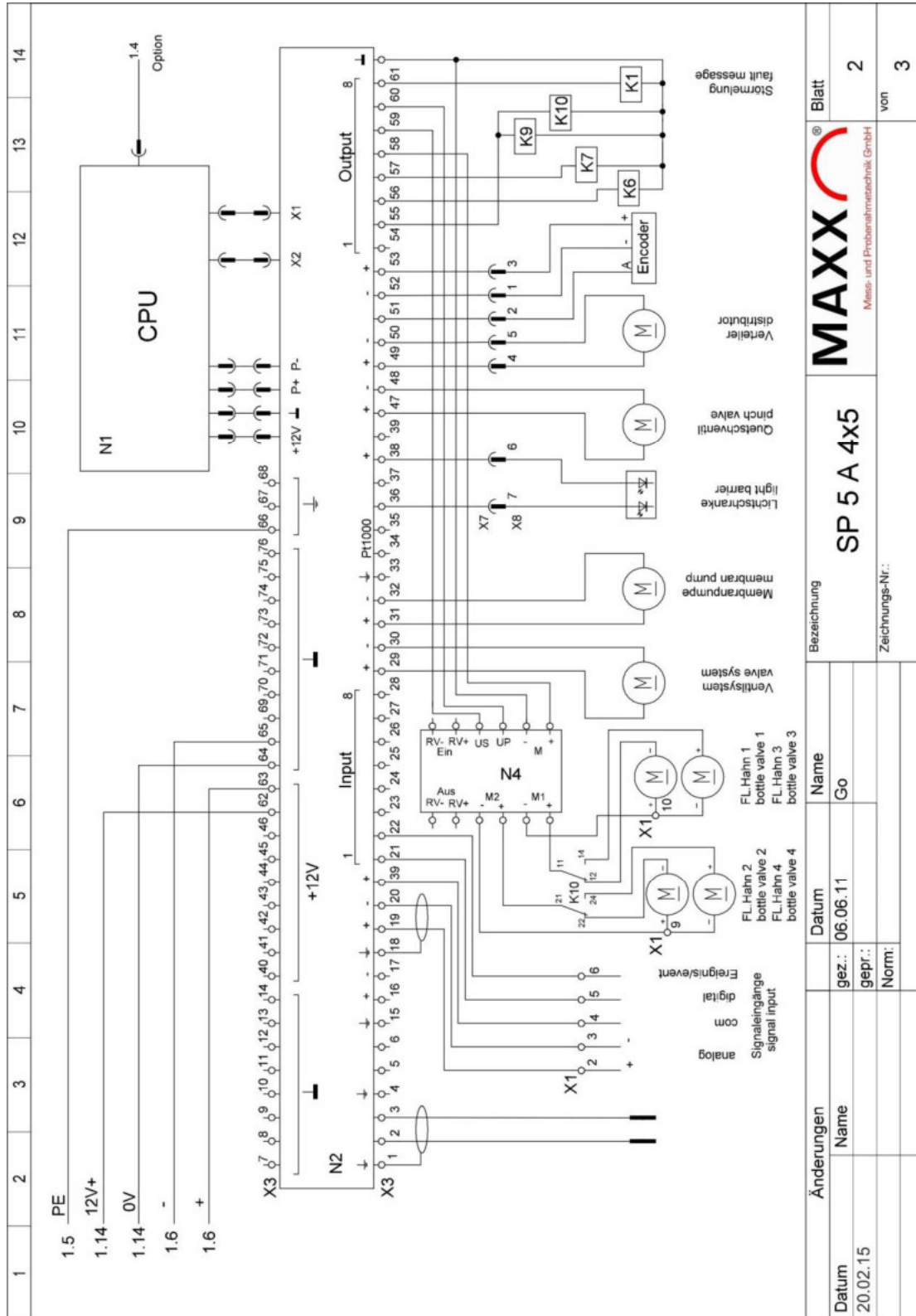
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20.02.15	15.09.11	15.09.11	Go	1207 000		Mess- und Probenahmetechnik GmbH	
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	Norm:			1207 000		2	
						3	

## Circuit diagram SP5 A 4 x 5 L - SELFEMPTYING Page 1

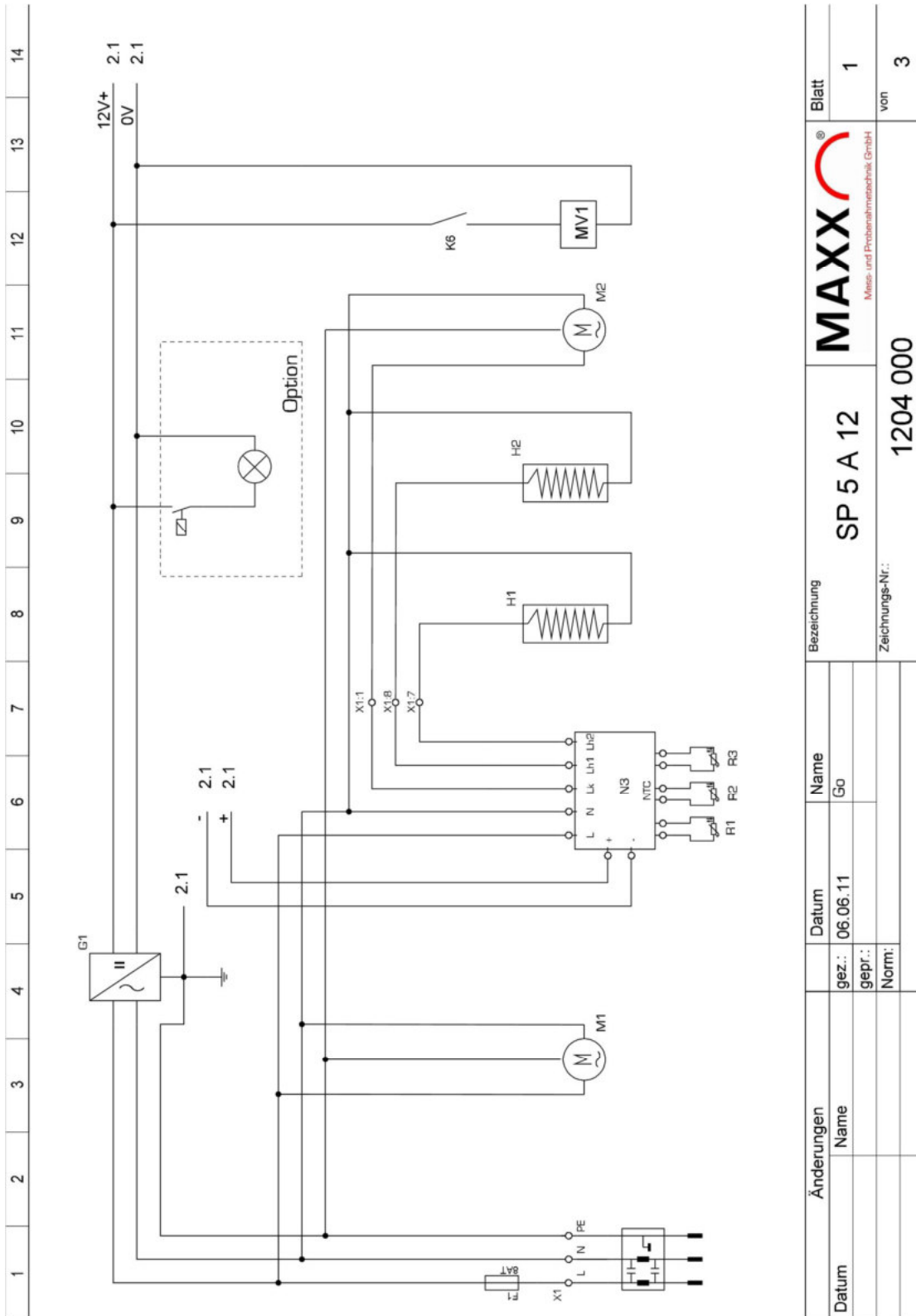


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		gepr.:				SP 5 A 4x5		von	3
		Norm:				Zeichnungs-Nr.:			

## Circuit diagram SP5 A 4 x 5 L - SELFEMPTYING Page 2

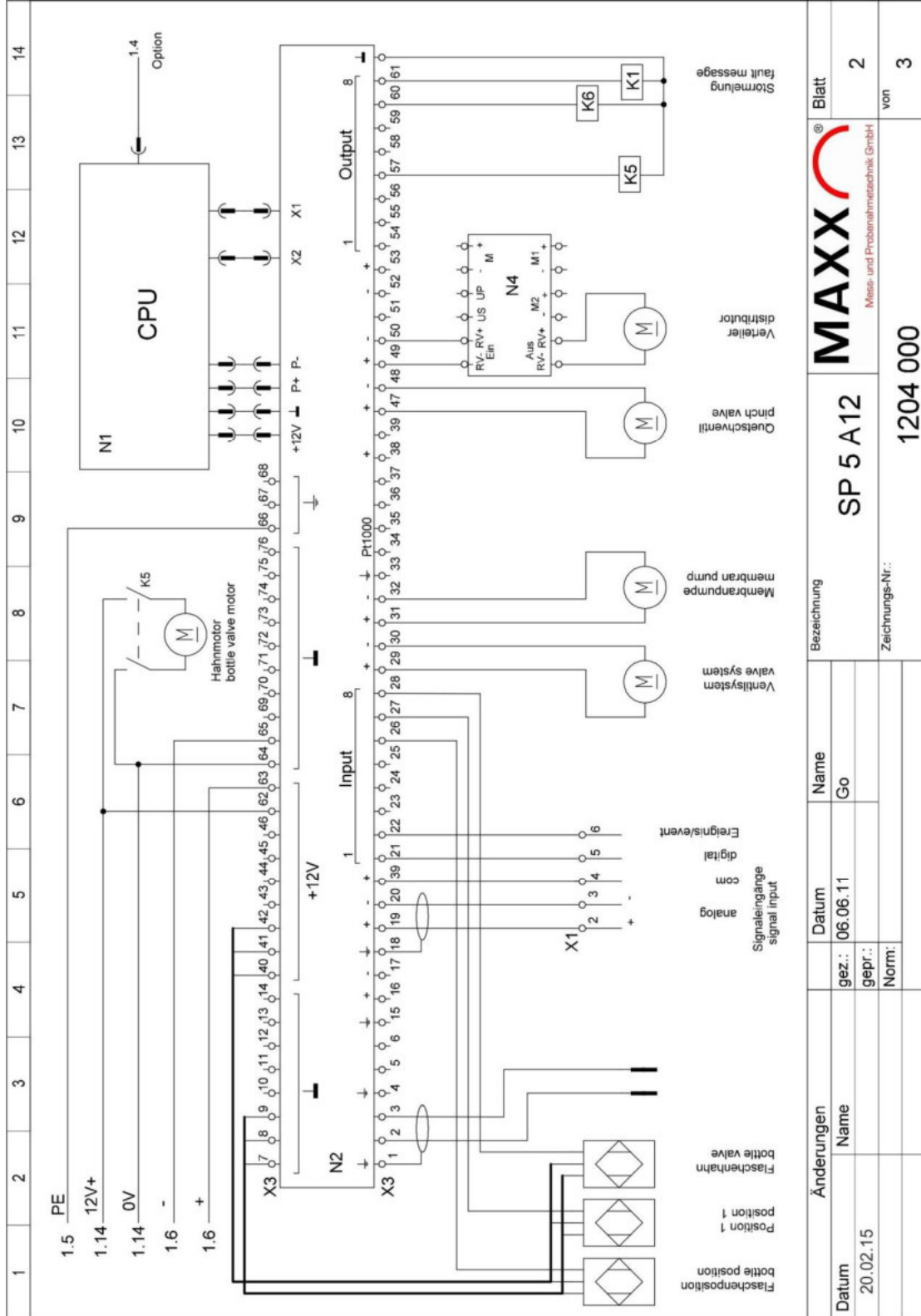


**Circuit diagram SP5 A 12 x 1,6 L - SELFEMPTYING, Page 1**

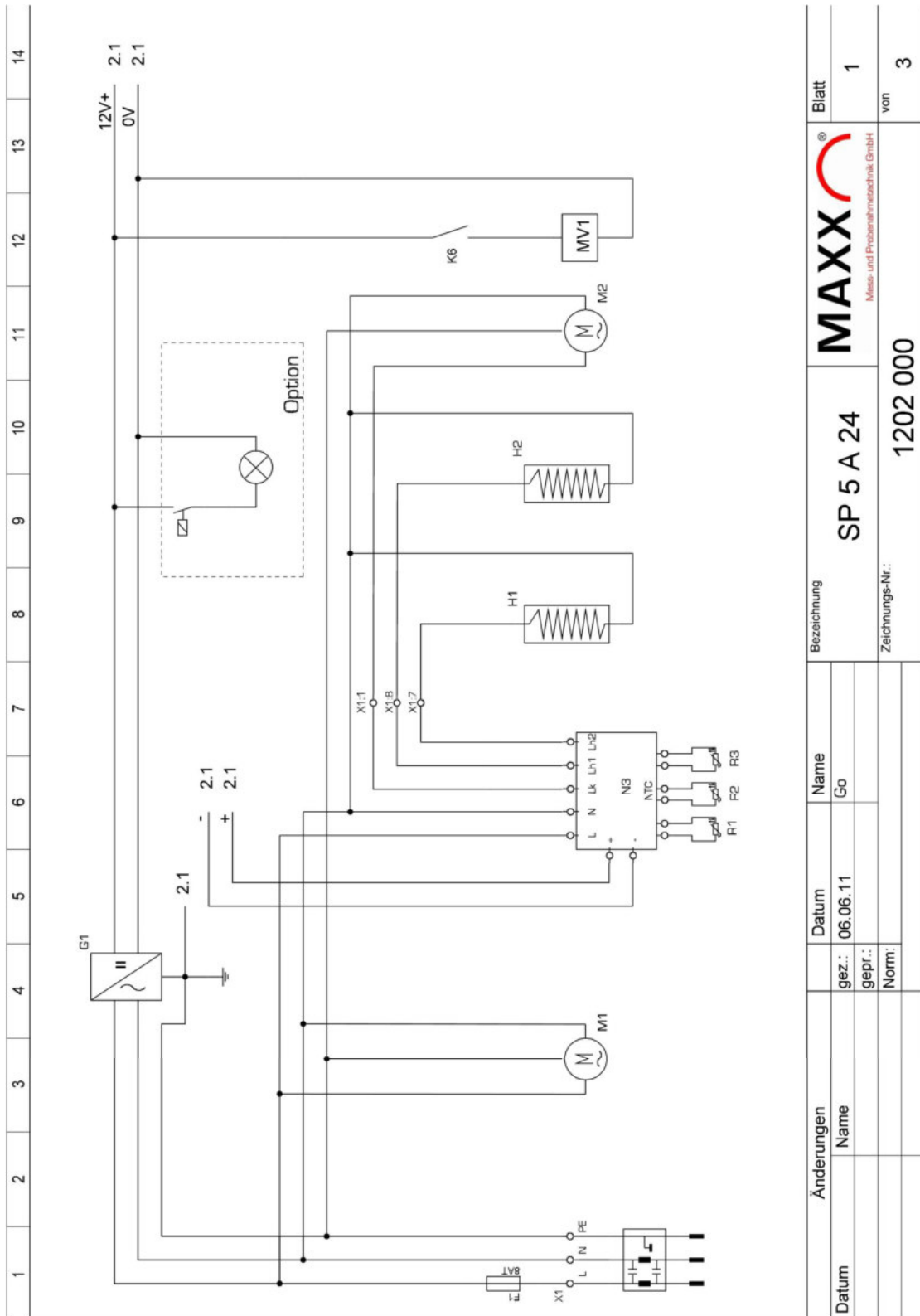


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Datum		gepf.:	Norm:		Zeichnungs-Nr.: 1204 000		von 3	

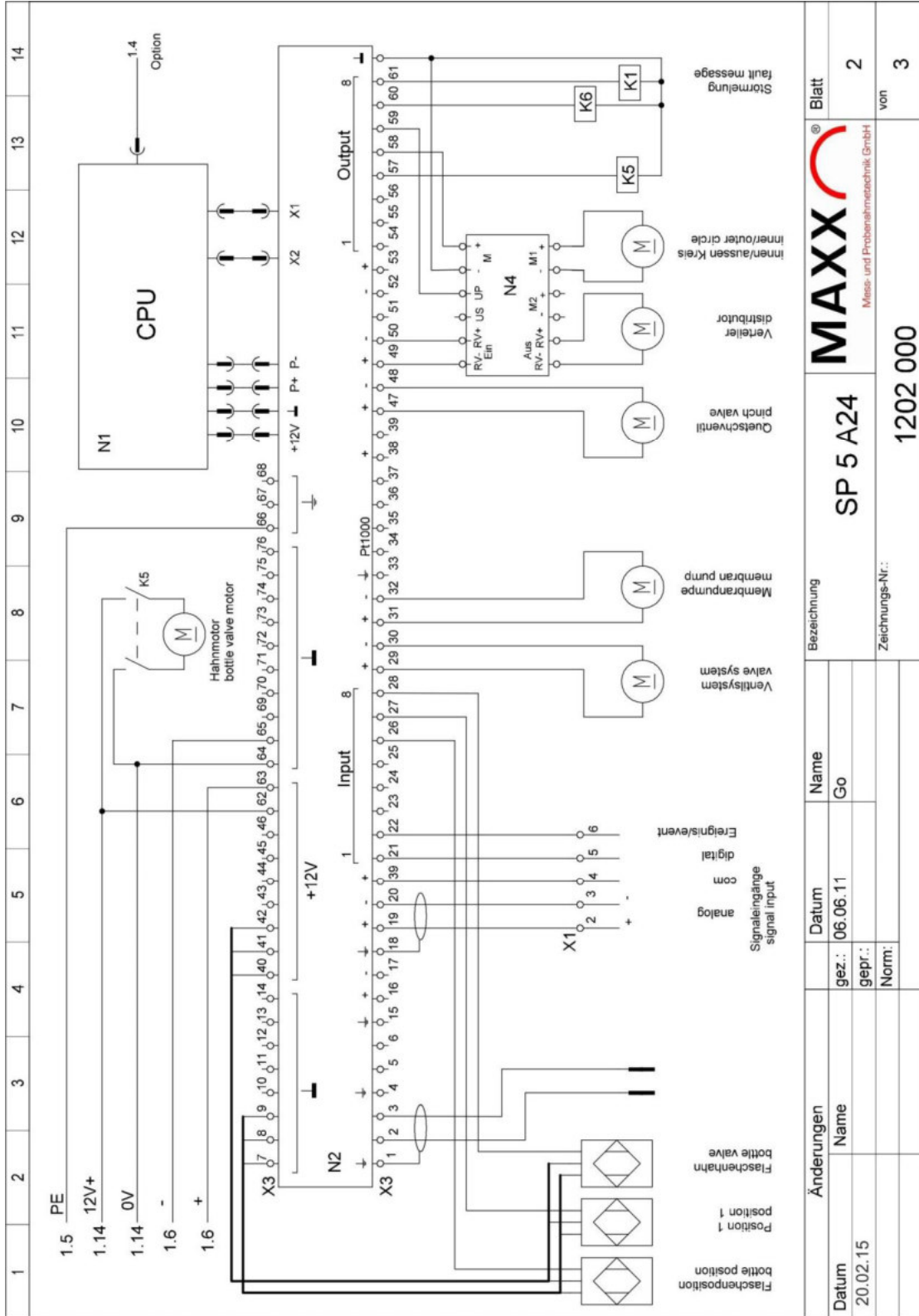
## Circuit diagram SP5 A 12 x 1,6 L - SELFEMPTYING, Page 2



## Circuit diagram SP5 A 24 x 2 L - SELFEMPTYING, Page 1



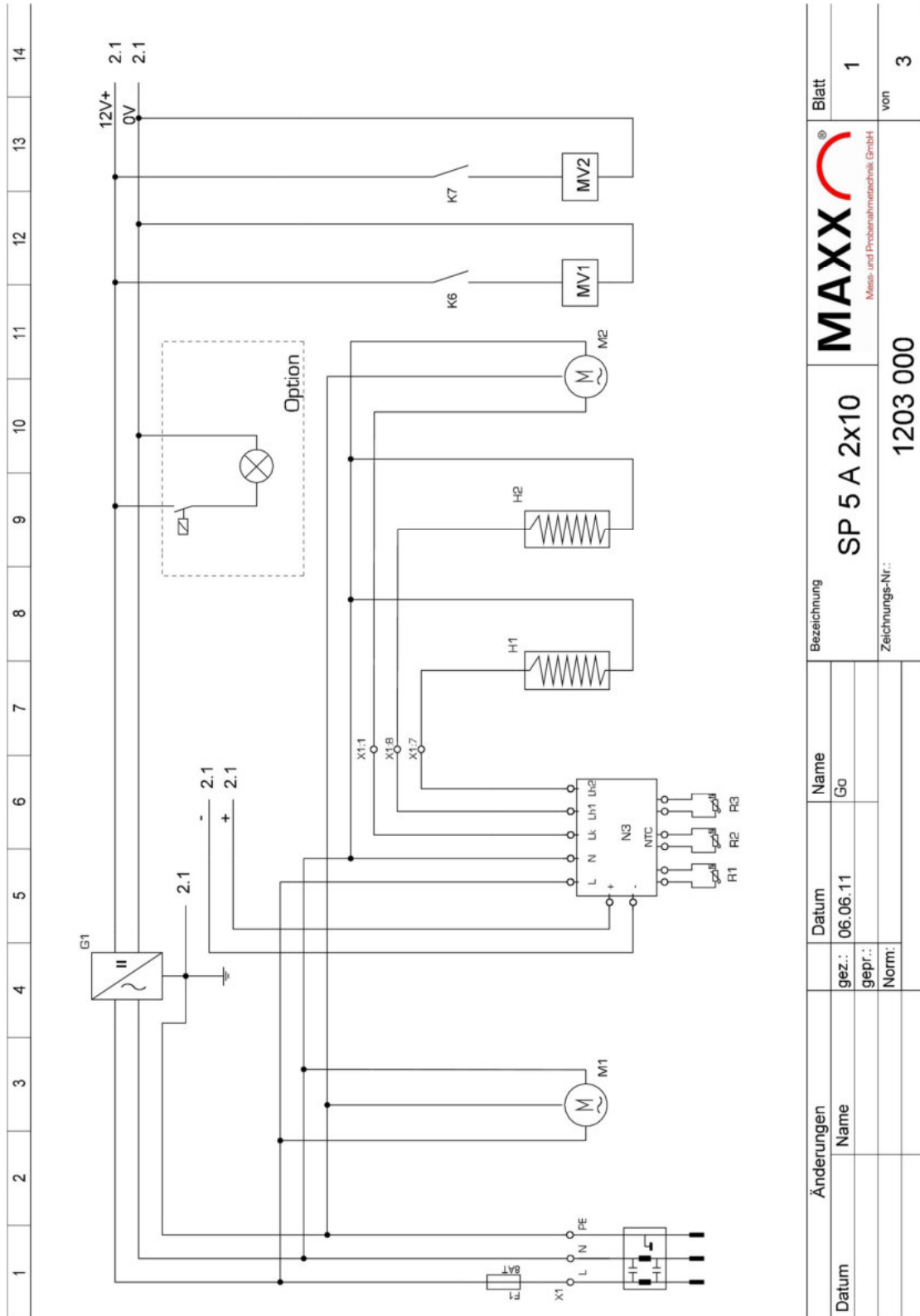
## Circuit diagram SP5 A 24 x 2 L - SELFEMPTYING, Page 2



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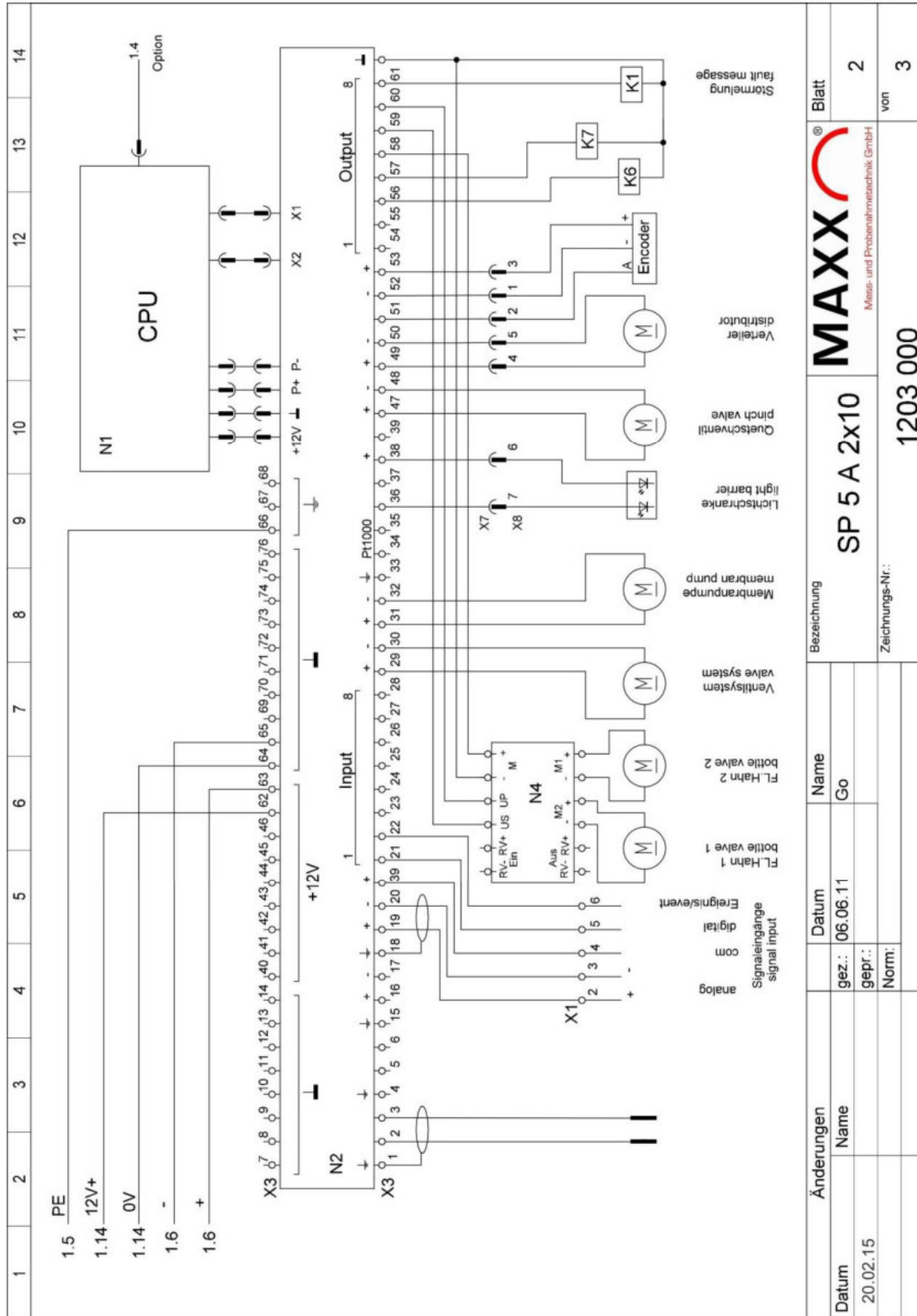


Circuit diagram SP5 A 2 x 10 L Vacuum - SELFEMPTYING, Page 1

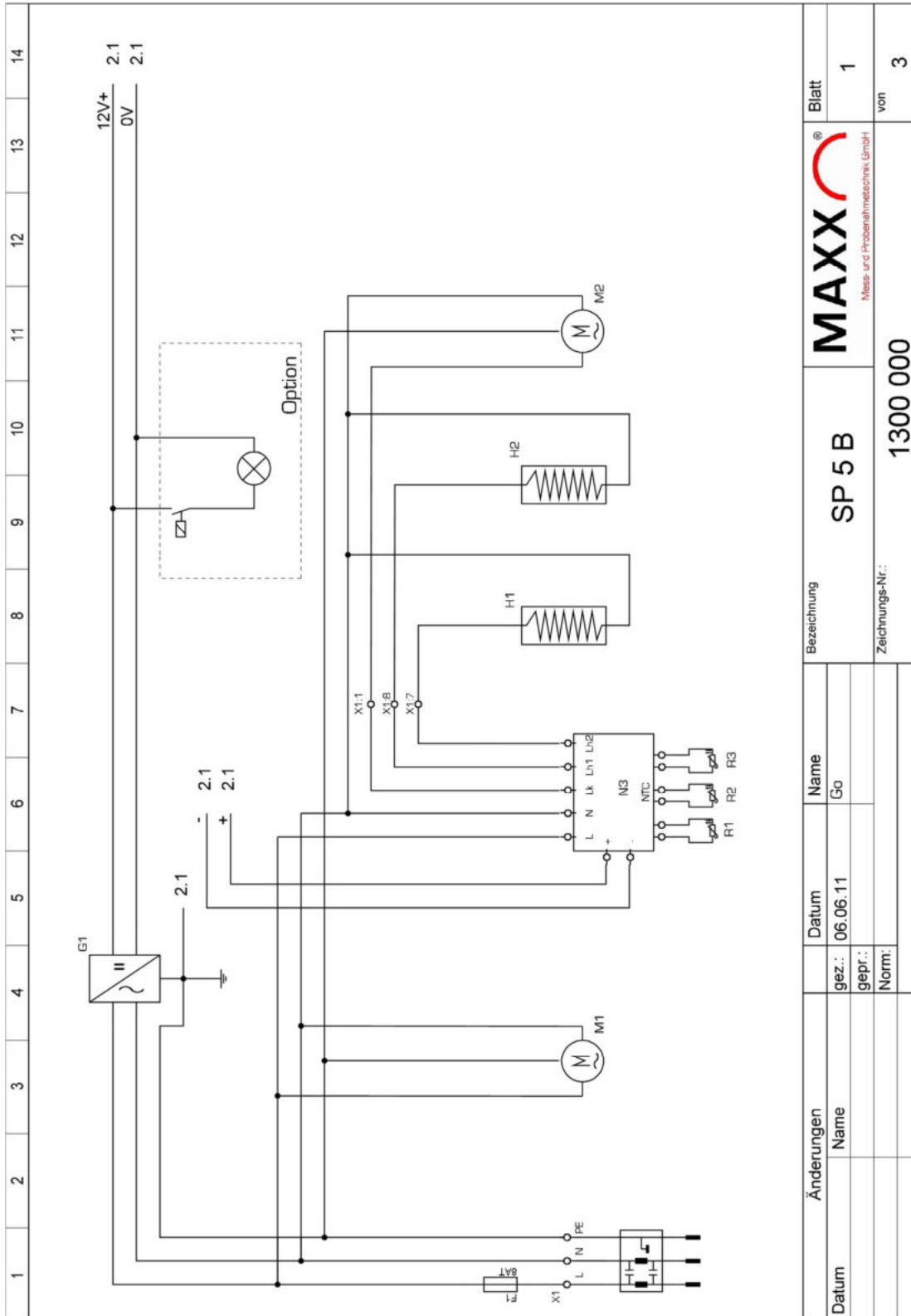


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	gepr.:			von	
	Norm:			3	
Bezeichnung			Zeichnungs-Nr.:		
SP 5 A 2x10			1203 000		
			MAXX <sup>®</sup>		
			Mess- und Probenahmetechnik GmbH		

## Circuit diagram SP5 A 2 x 10 L Vacuum, SELFEMPTYING, Page 2

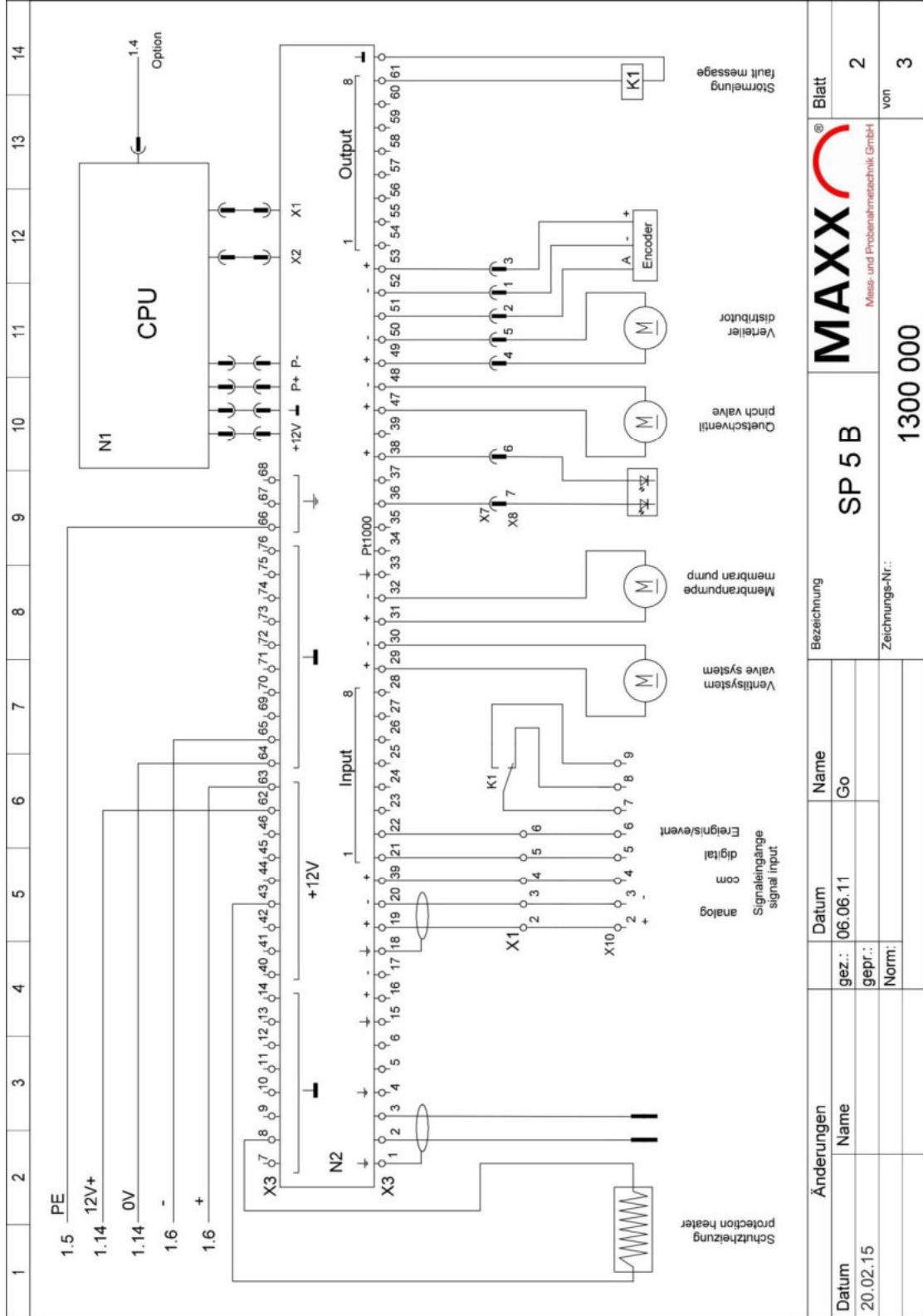


## Circuit diagram SP5 B mains, Page 1

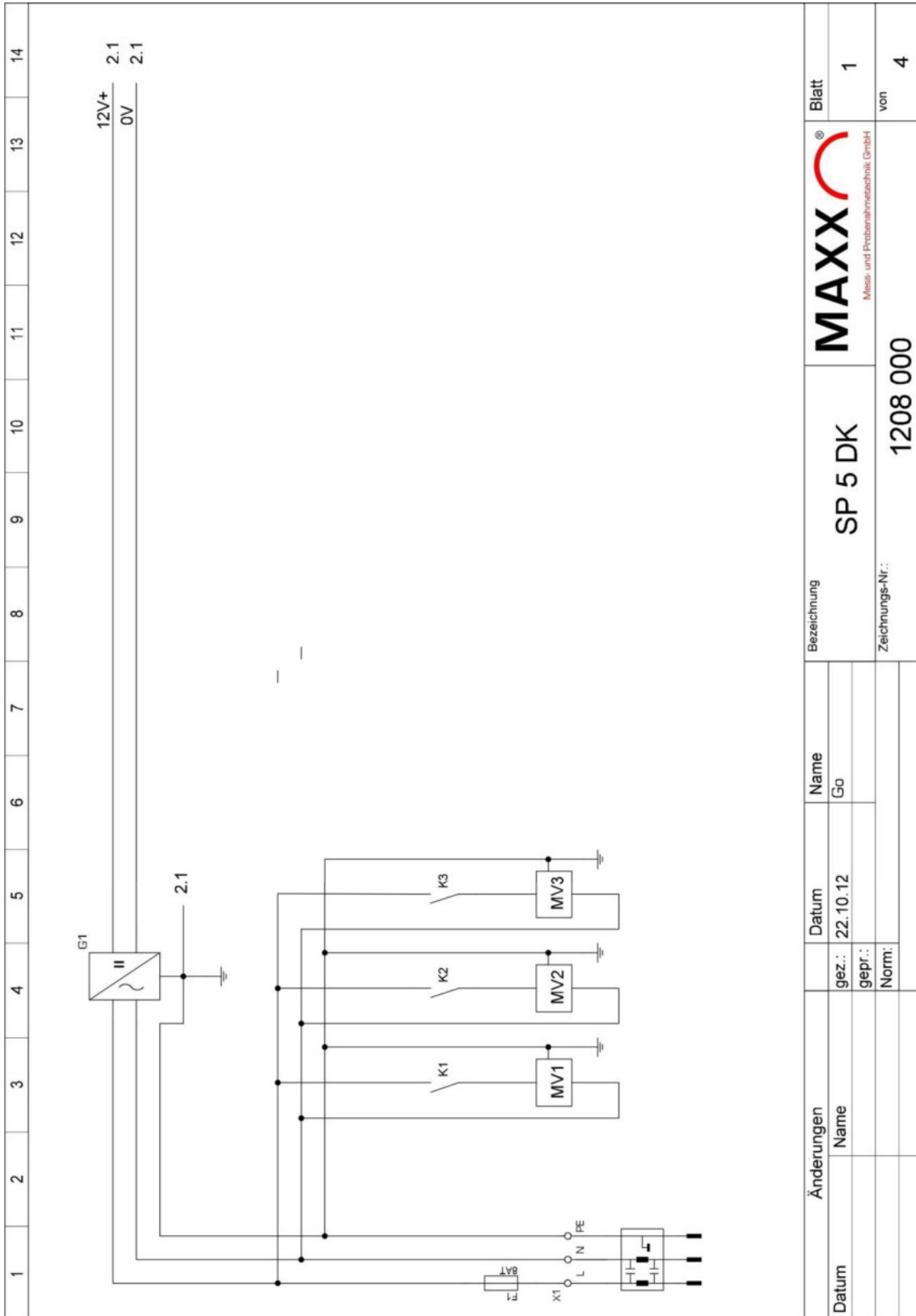


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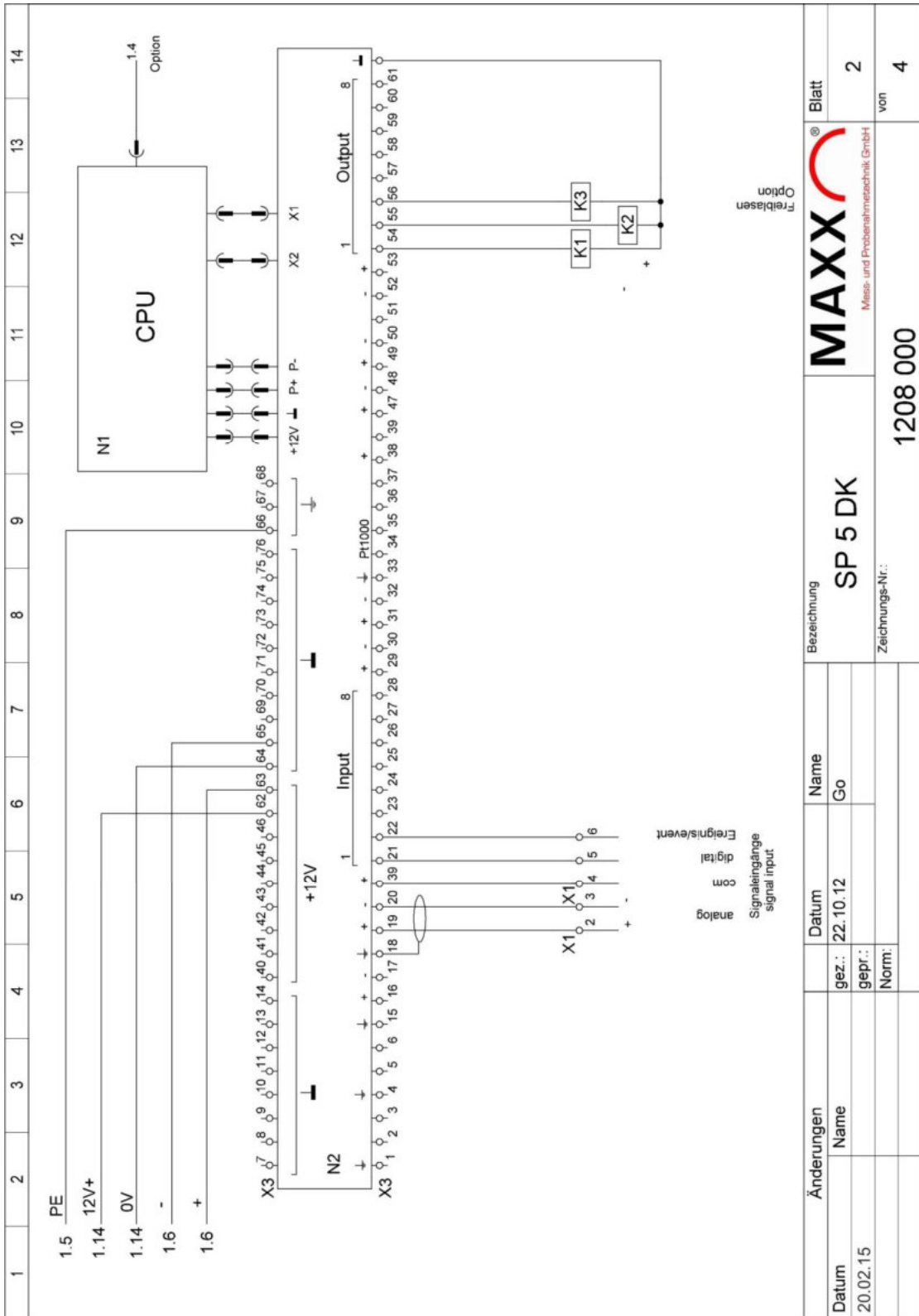
## Circuit diagram SP5 B Vacuumsystem, Page 2



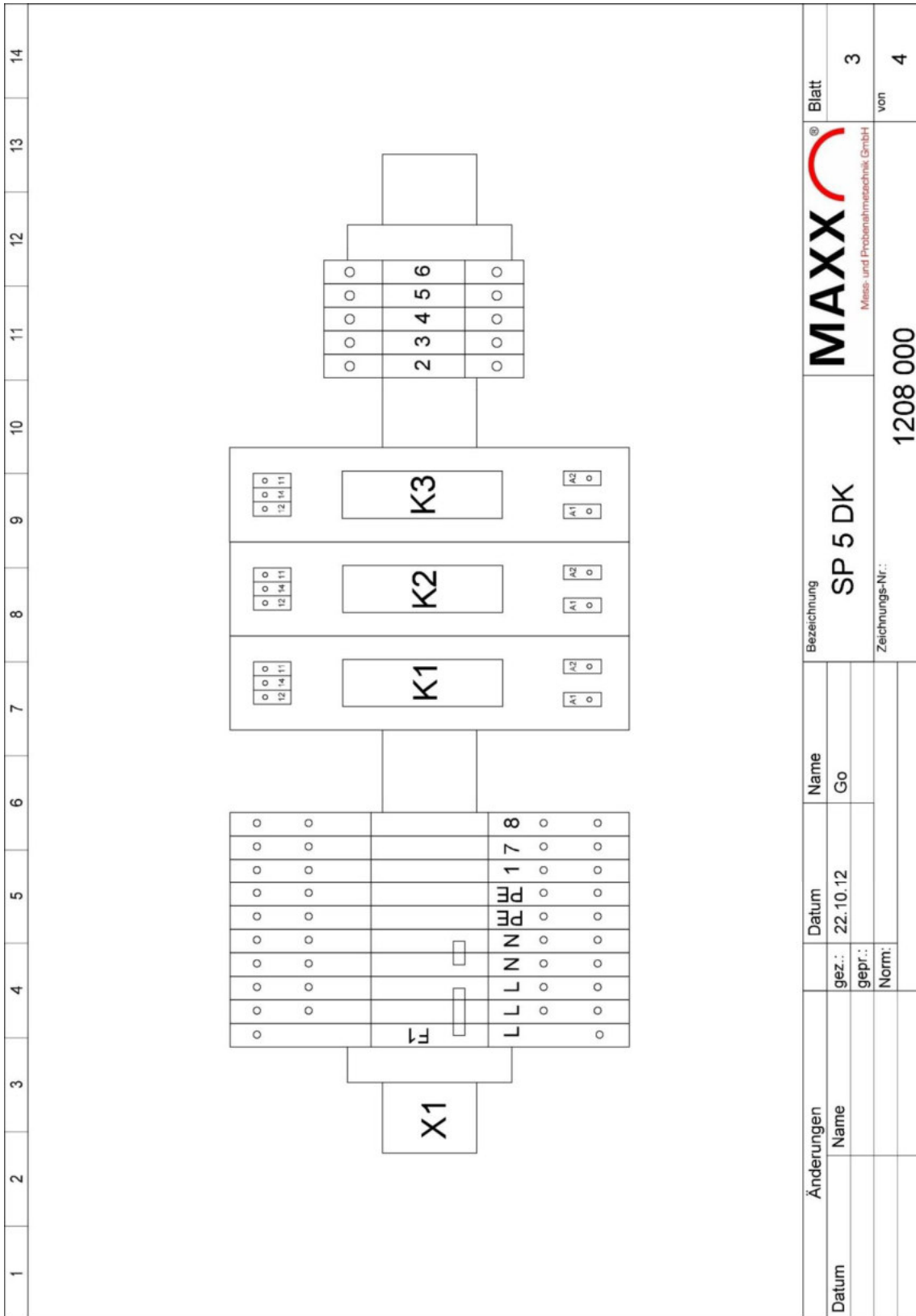
## Circuit diagram SP5 DK, Page 1



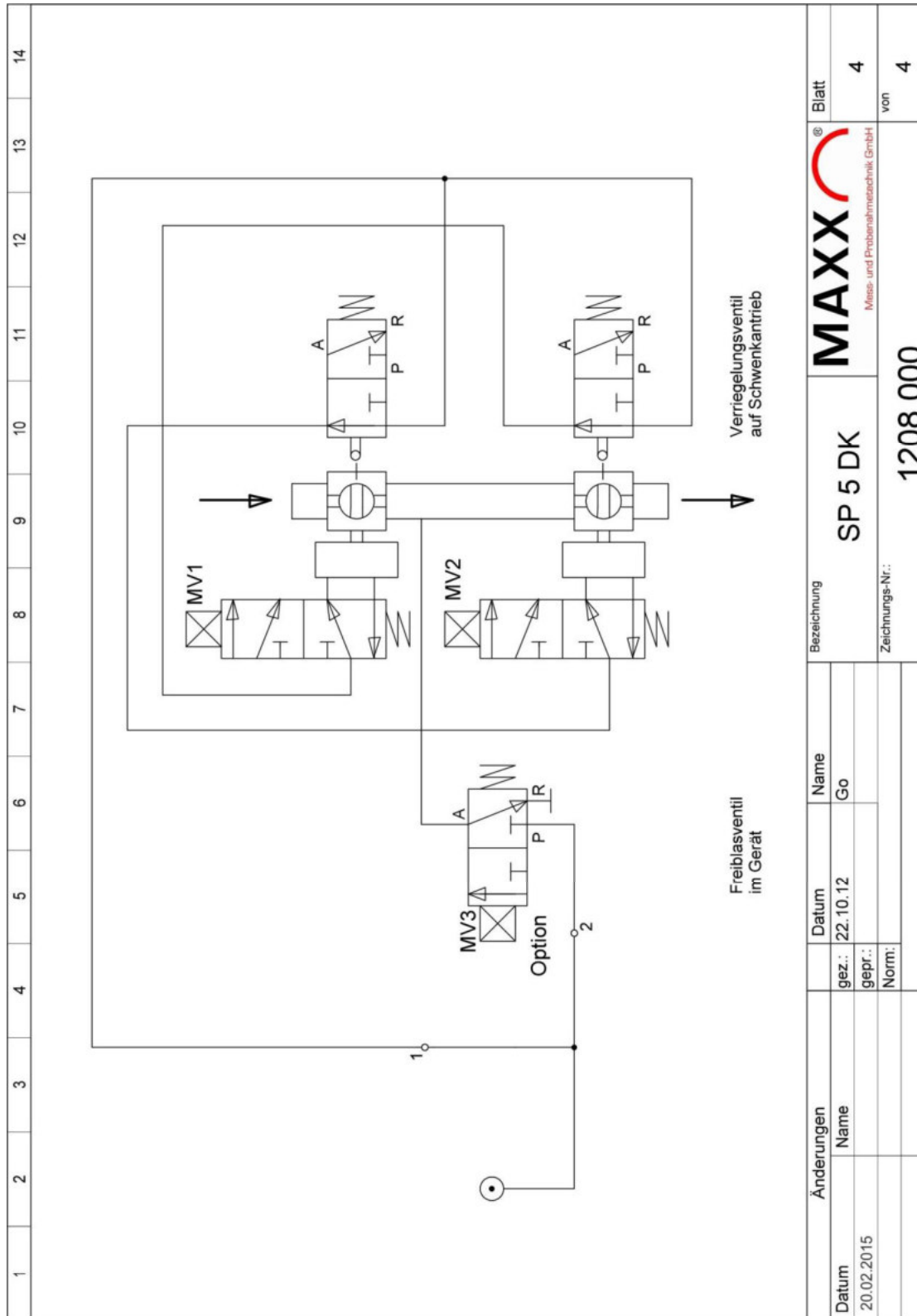
Circuit diagram SP5 DK , Page 2



Circuit diagram SP5 DK , Page 3



Circuit diagram SP5 DK , Page 4

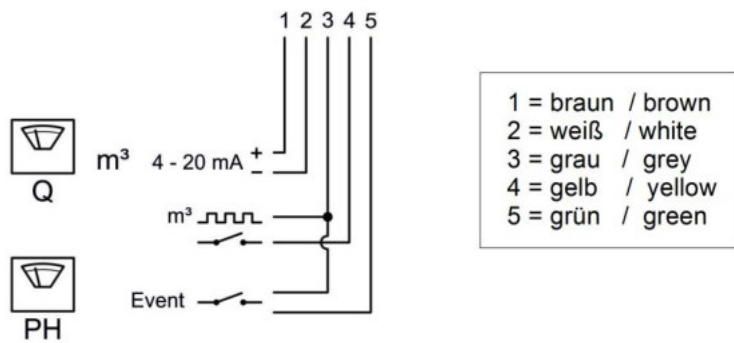
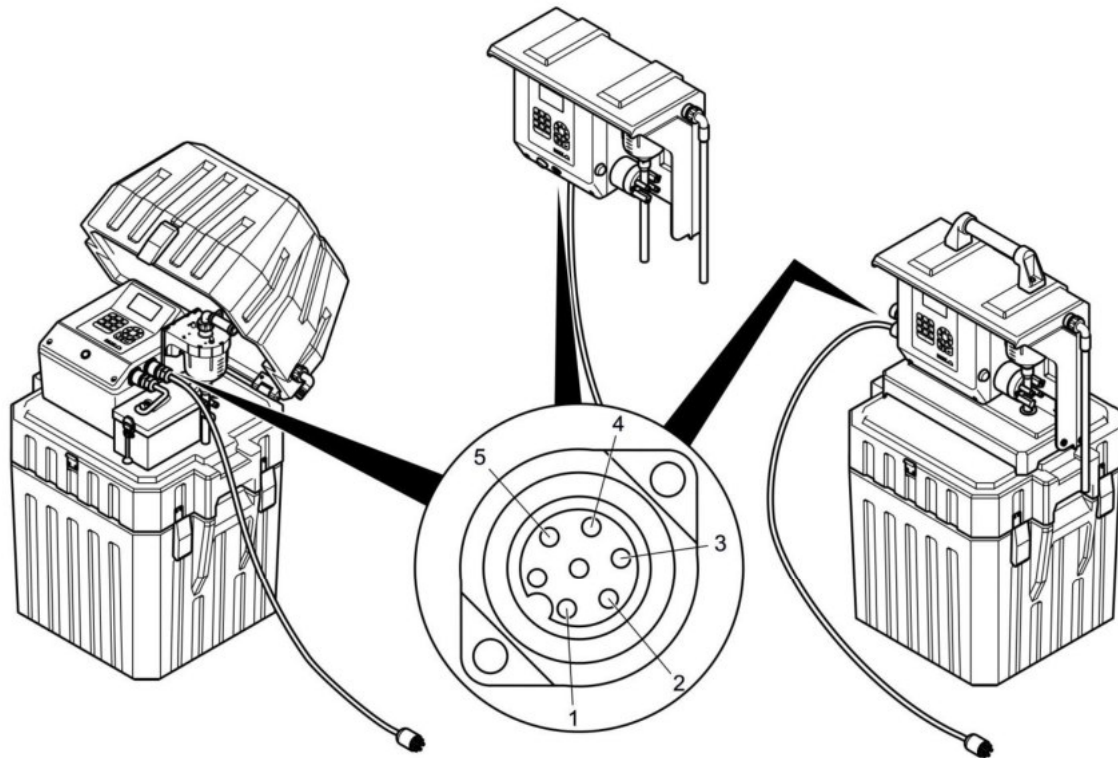




## Portable Samplers TP5 C - P - W



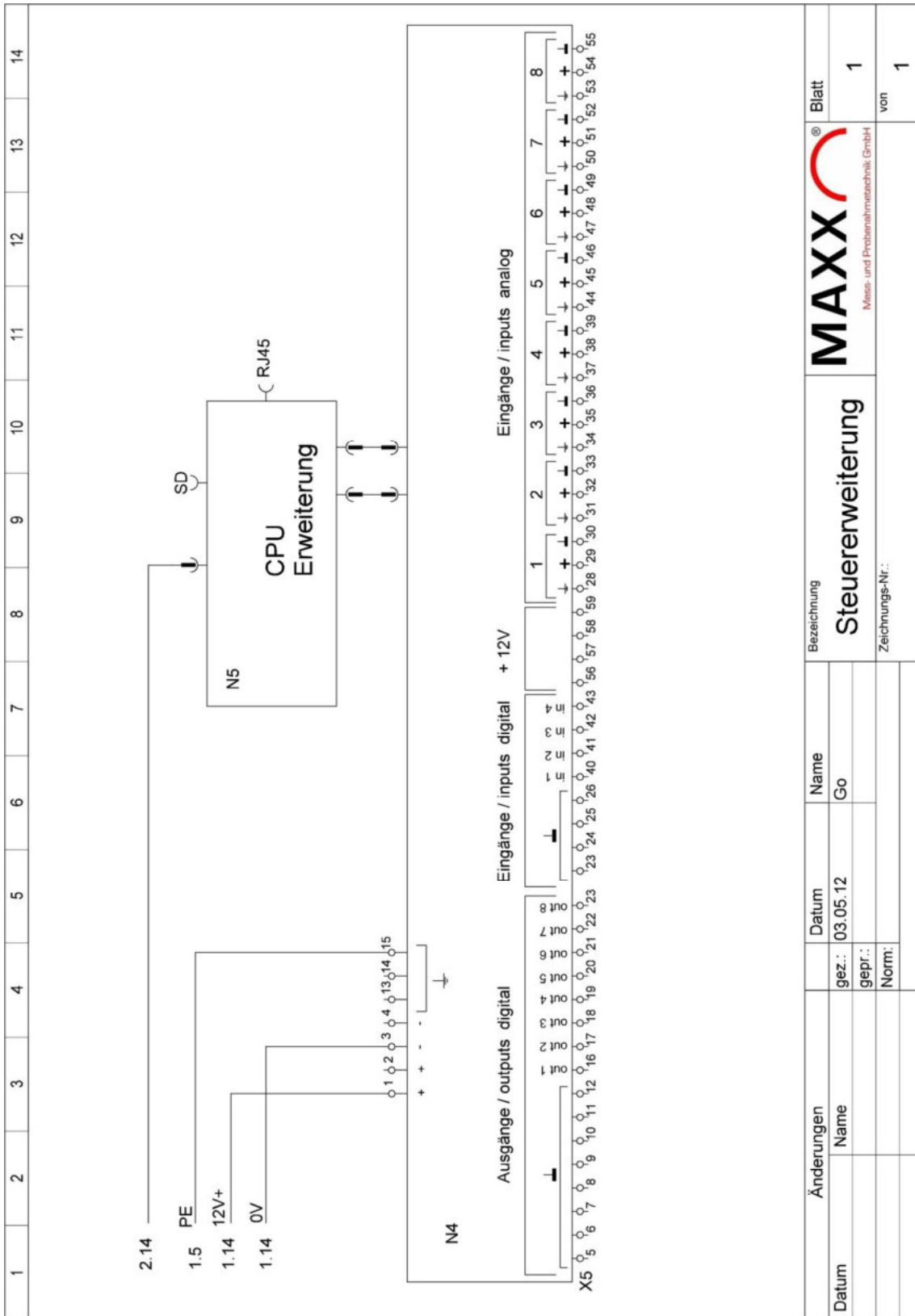
## Signal connection analogue/digital TP5 C - P - W



### Overview Functions of digital Inputs

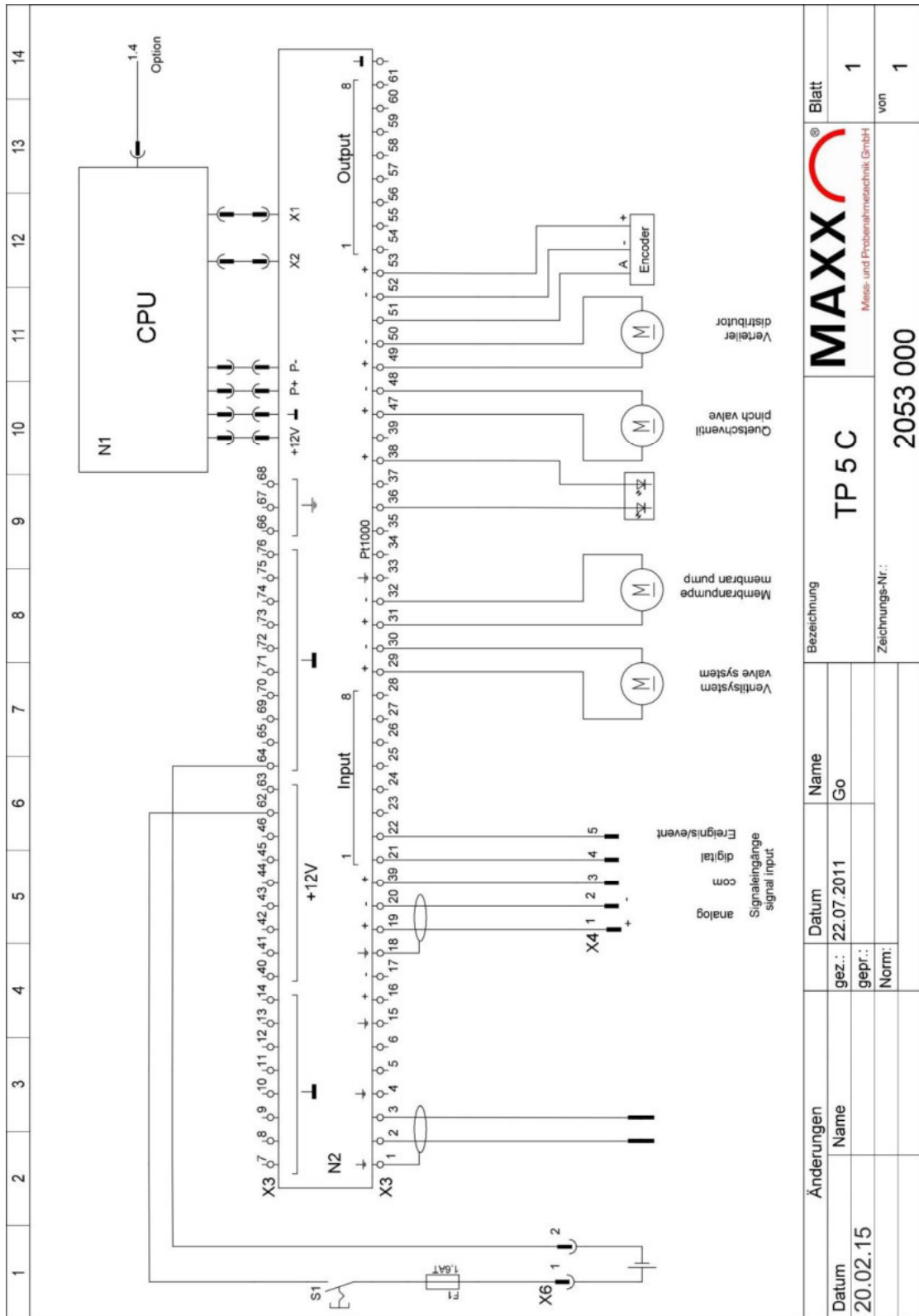
Input 1	Flow digital
Input 2	Event
Input 3	Manual sample external
Input 4	External Resetbutton (Option)
Input 5	Free programmable
Input 6	n.a.
Input 7	n.a.
Input 8	n.a.

## Circuit diagram I/O add-on connector 0010303

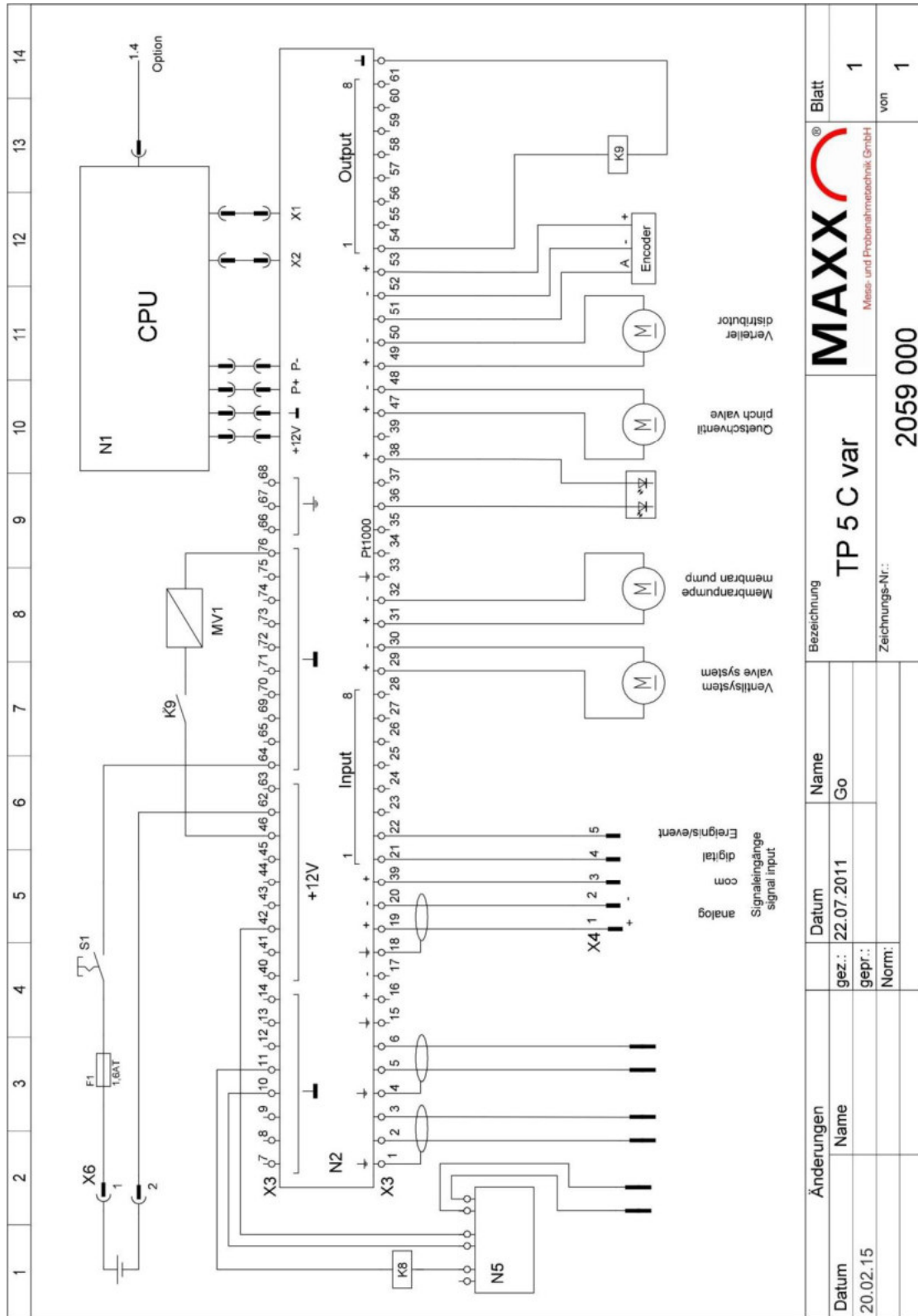


Änderungen		Datum	Name	Bezeichnung	Blatt	
Datum	gez.:	03.05.12	Go	Steuererweiterung	1	
	gepr.:				von	1
	Norm:					

## Circuit diagram TP5 C

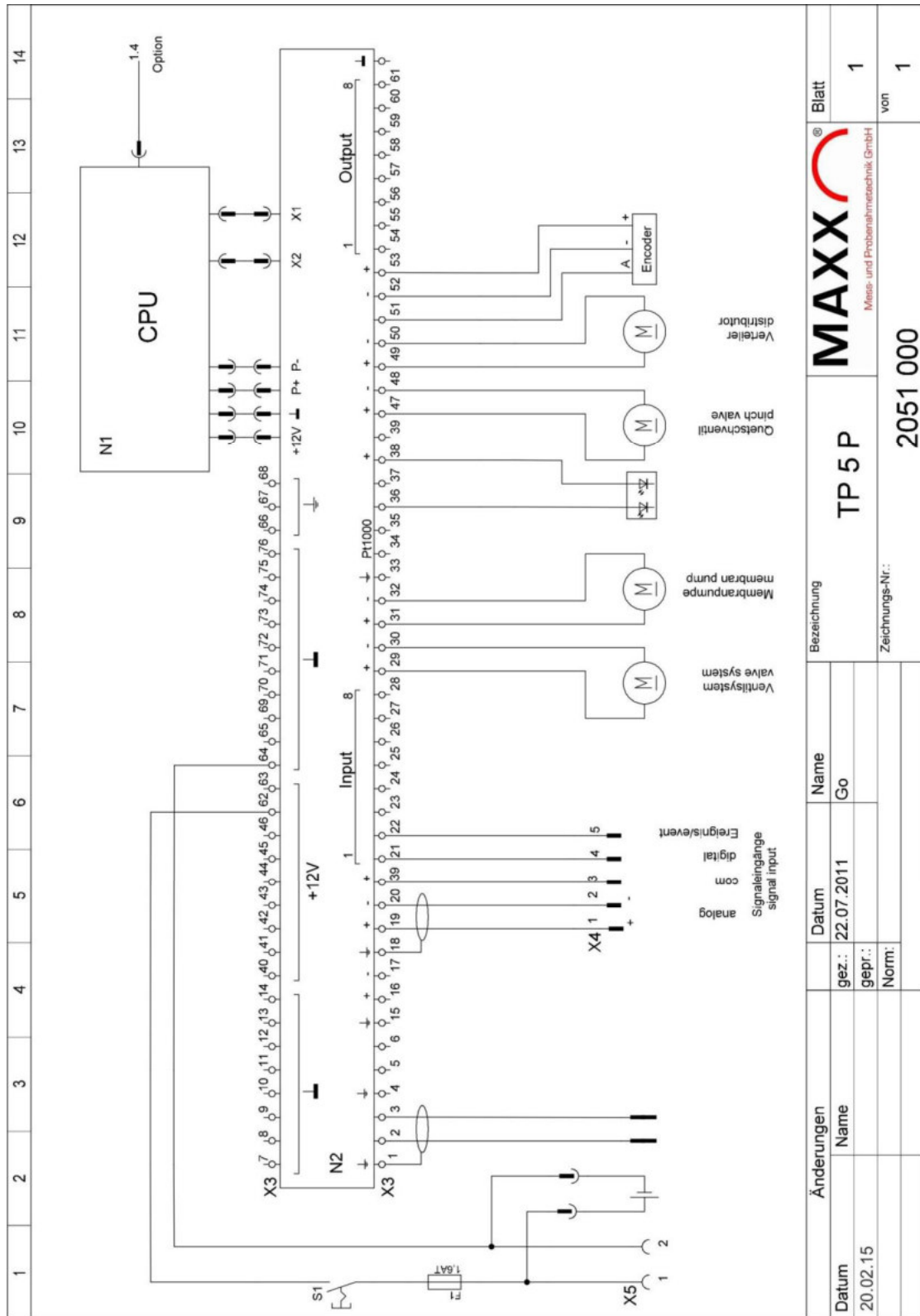


## Circuit diagram TP5 C VAR

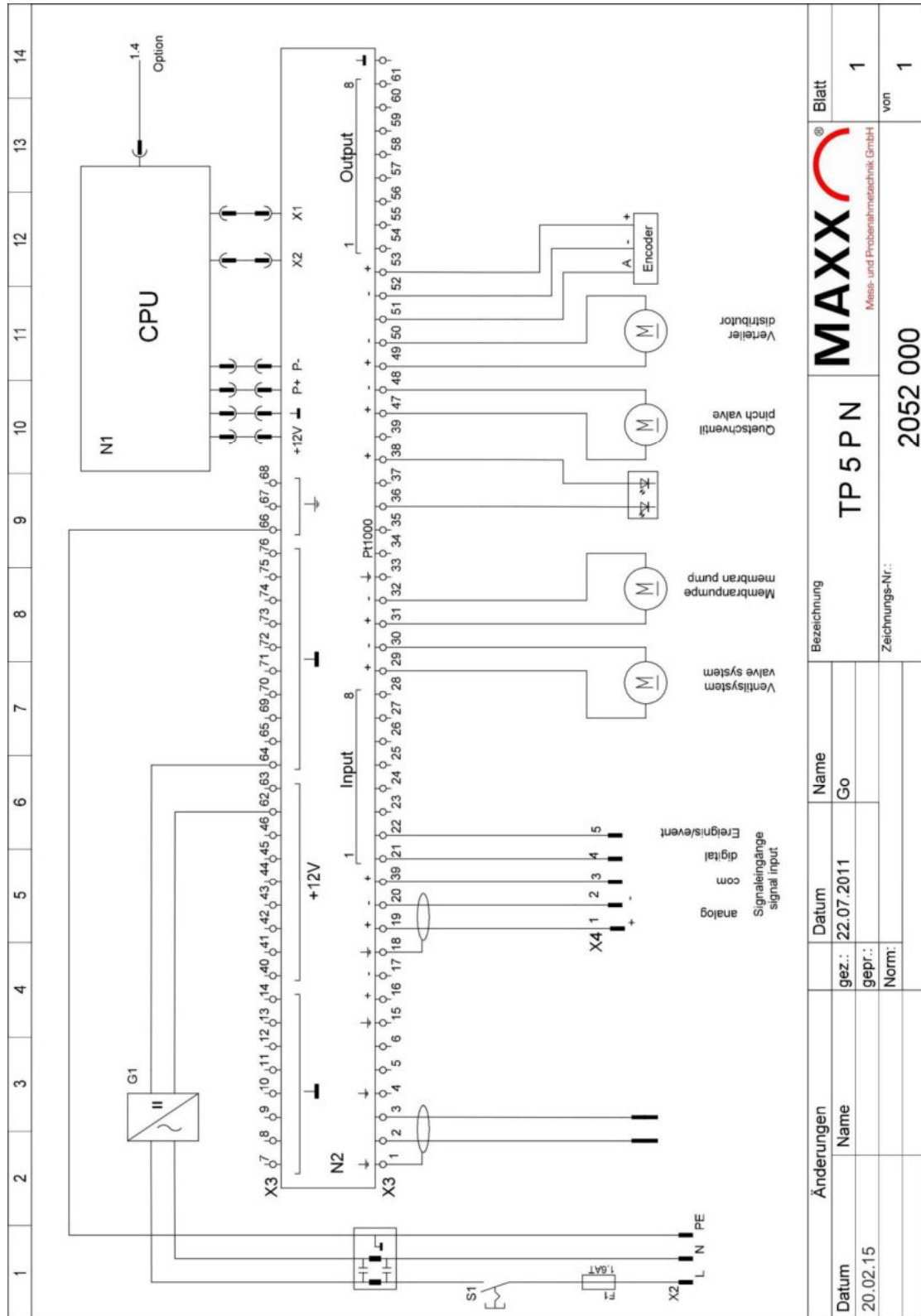


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				Zeichnungs-Nr.:	

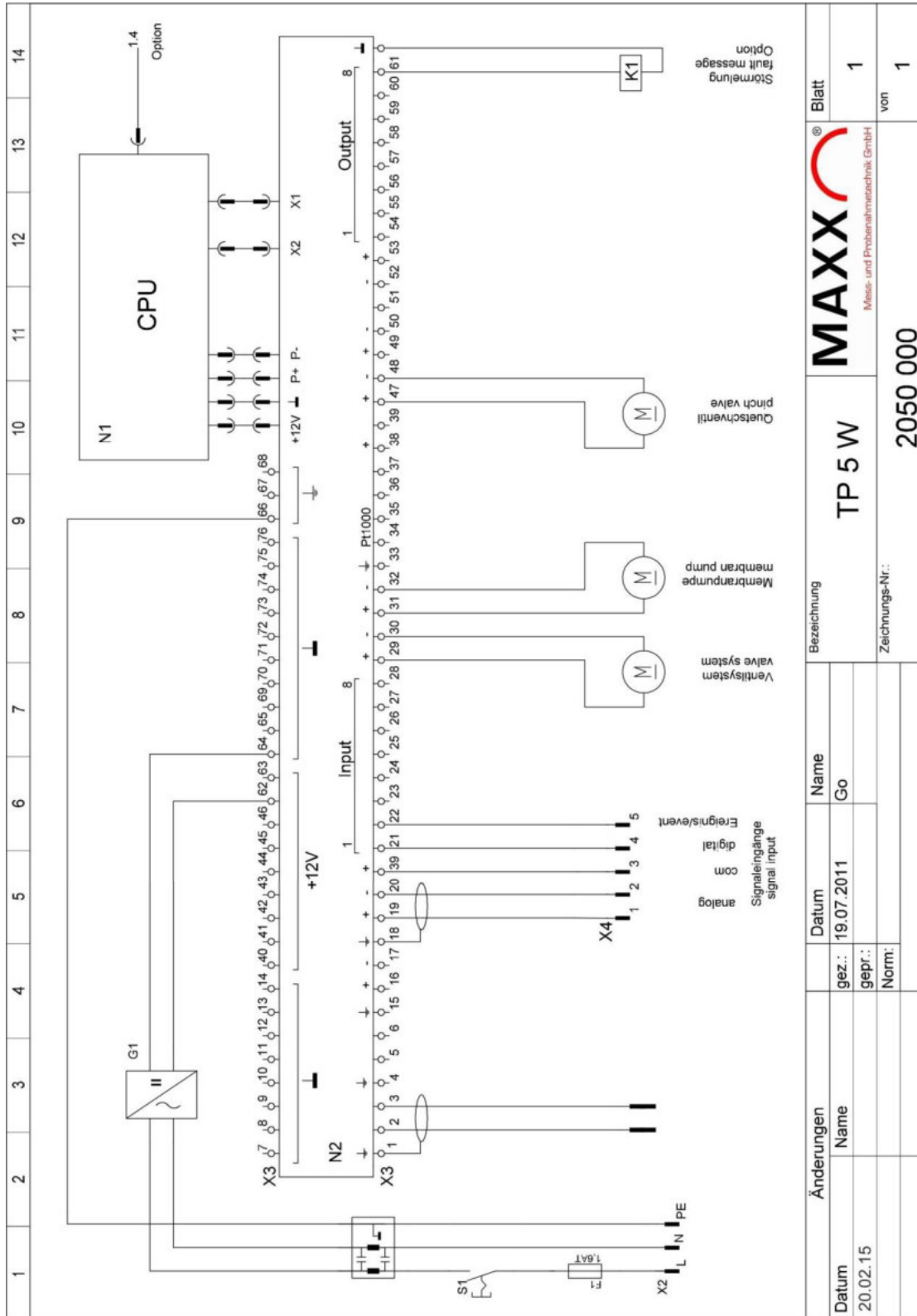
## Circuit diagram TP5 P



## Circuit diagram TP5 P -mains

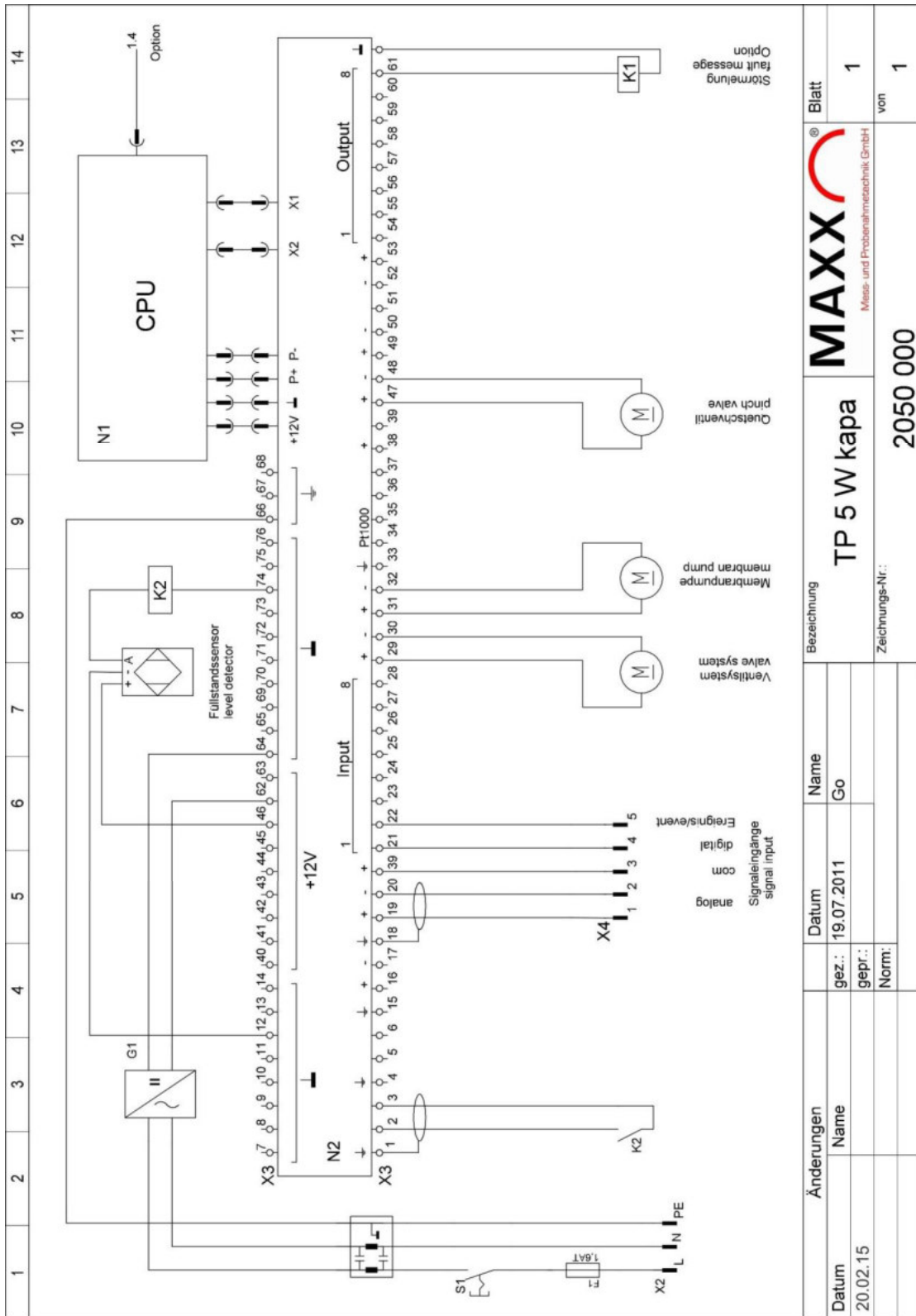


## Circuit diagram TP5 W





## Circuit diagram TP5 W (with capacitive sensor)



## P6 L / P6 Mini MAXX

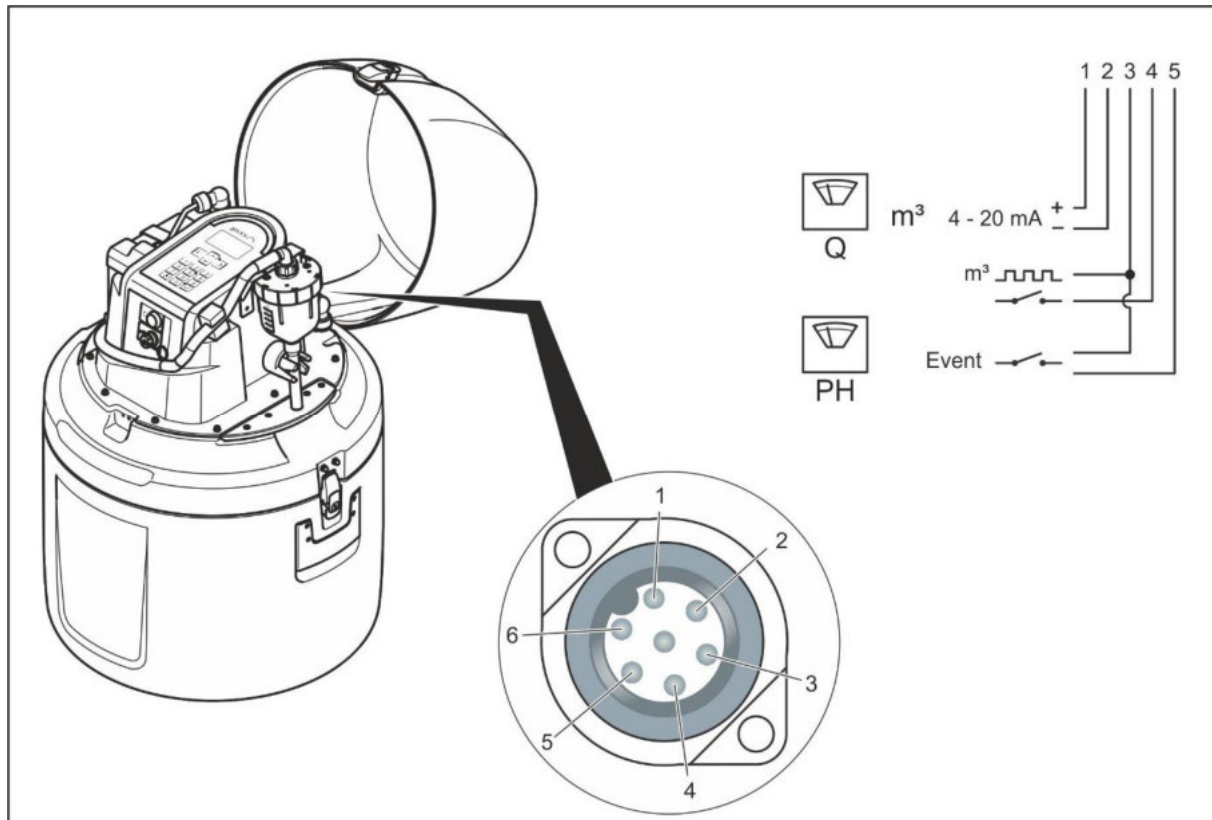


P6 L



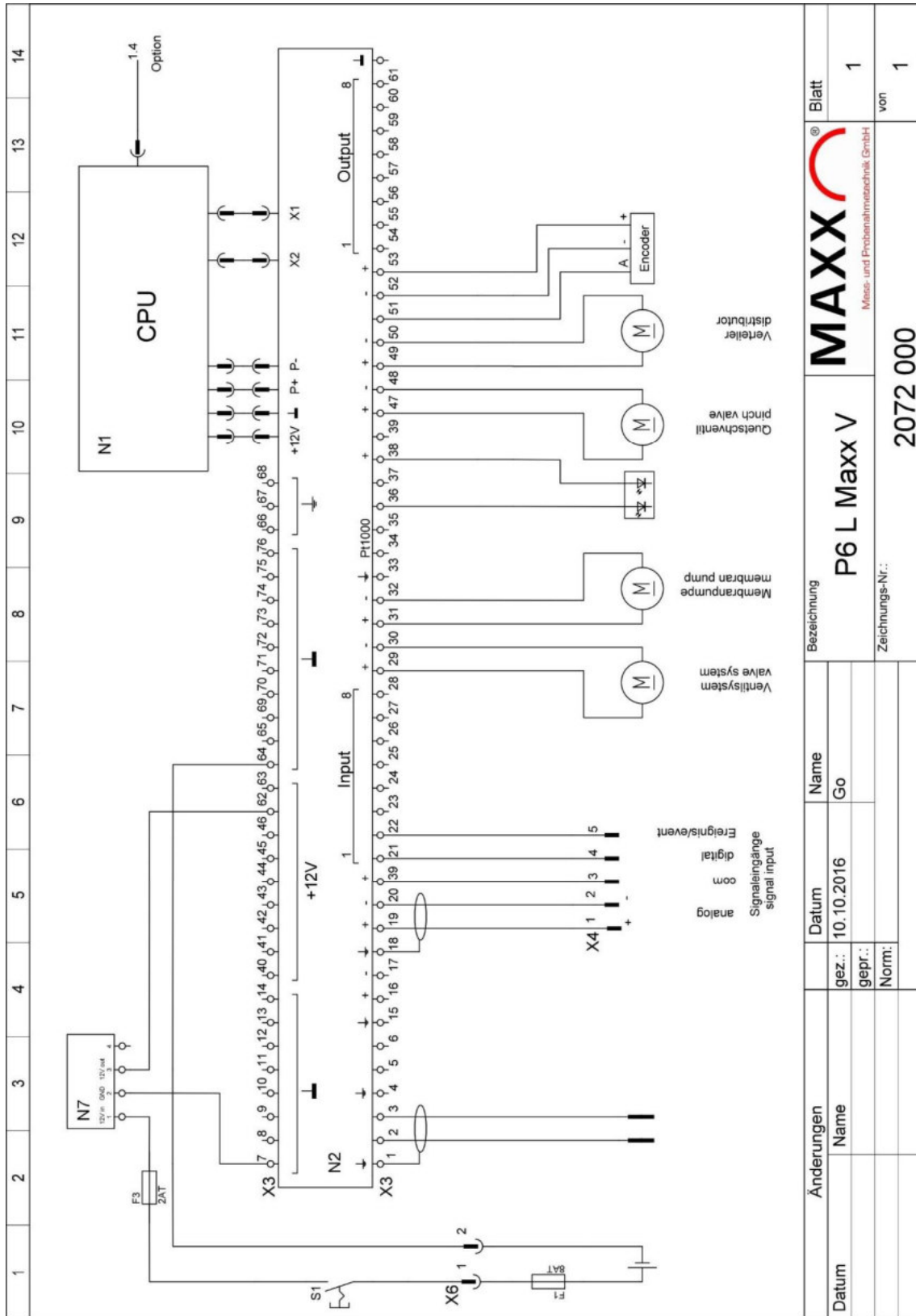
P6 Mini MAXX

## Signal connection analogue/digital P6

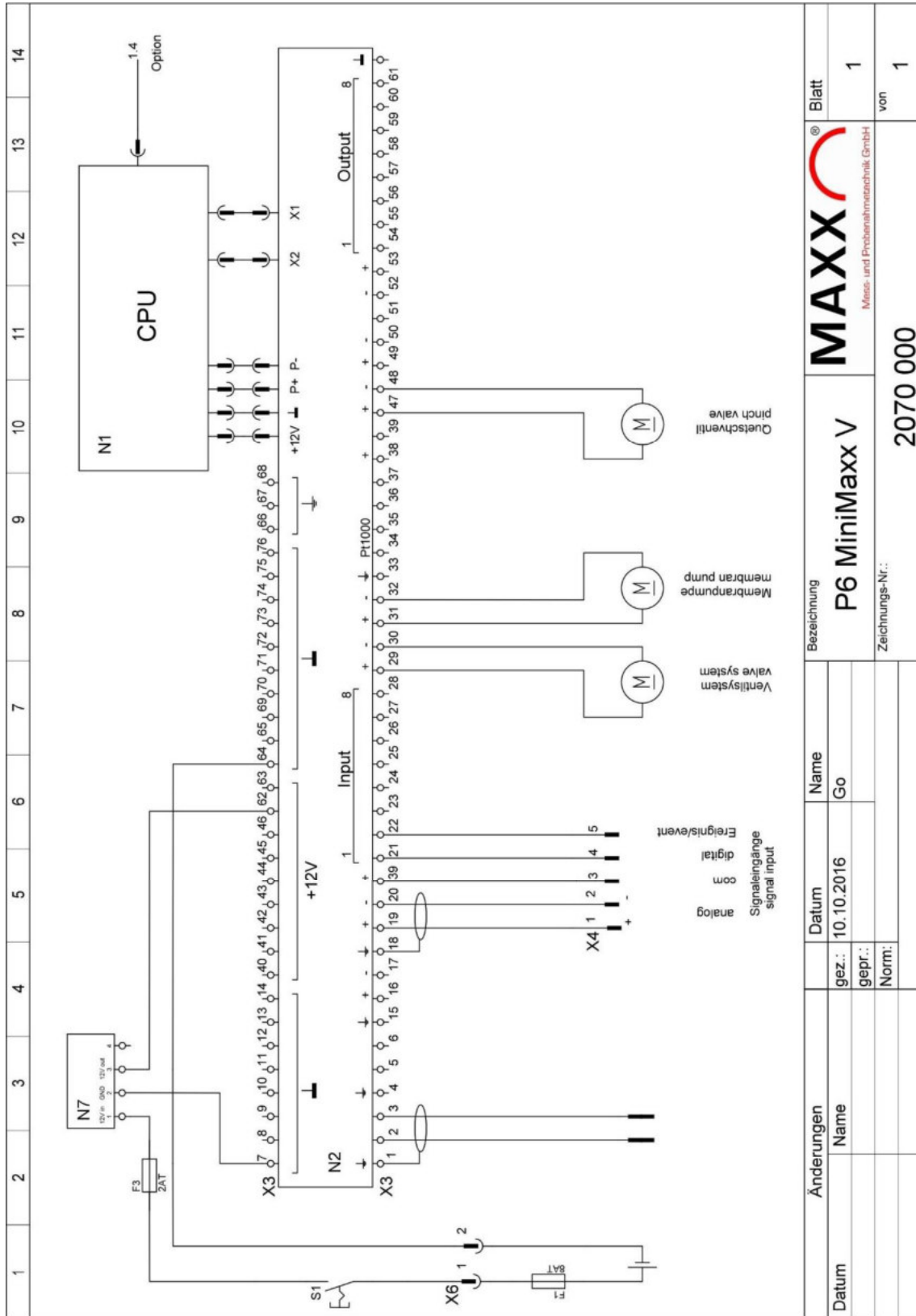


- 1 = braun / brown
- 2 = weiß / white
- 3 = grau / grey
- 4 = gelb / yellow
- 5 = grün / green

## Circuit diagram P6 L Vacuum

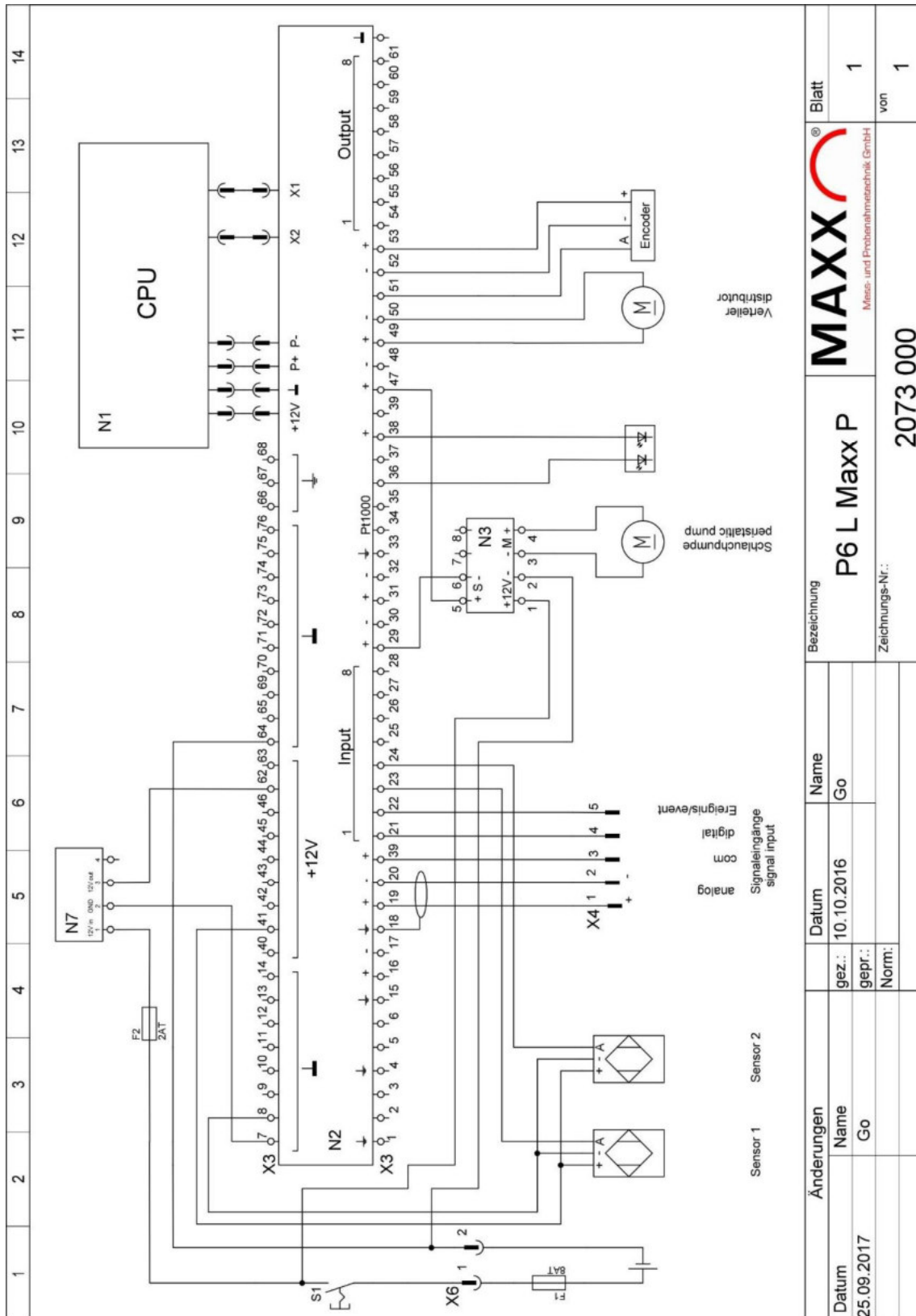


## Circuit diagram P6 MiniMAXX Vacuum



## Circuit diagram P6 L Peristaltic Pump

Valid from Serial No. 32688

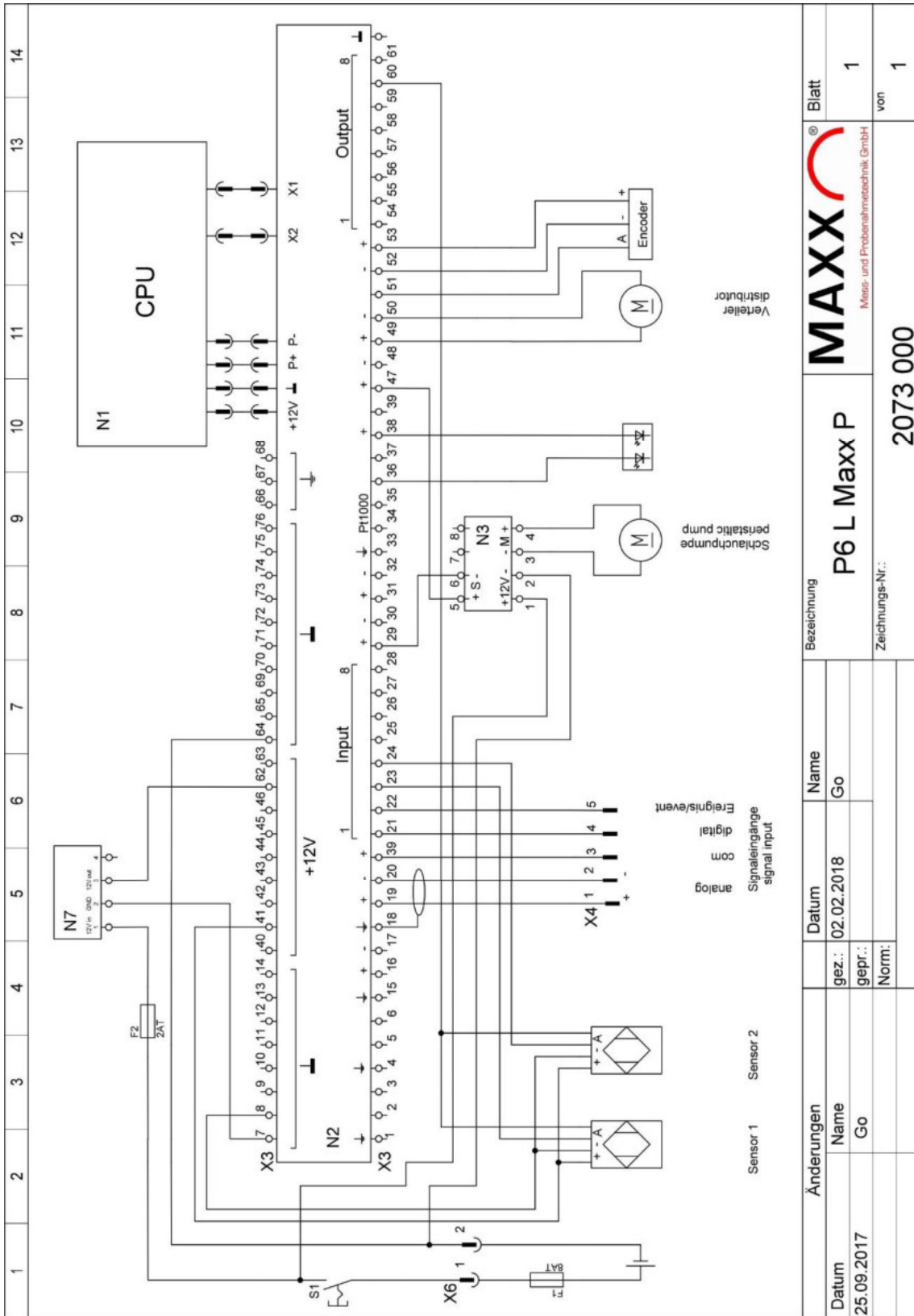


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25.09.2017	Go	gez.:	
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		Norm.:	

Bezeichnung		Blatt
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Zeichnungs-Nr.:		von
2073 000		1

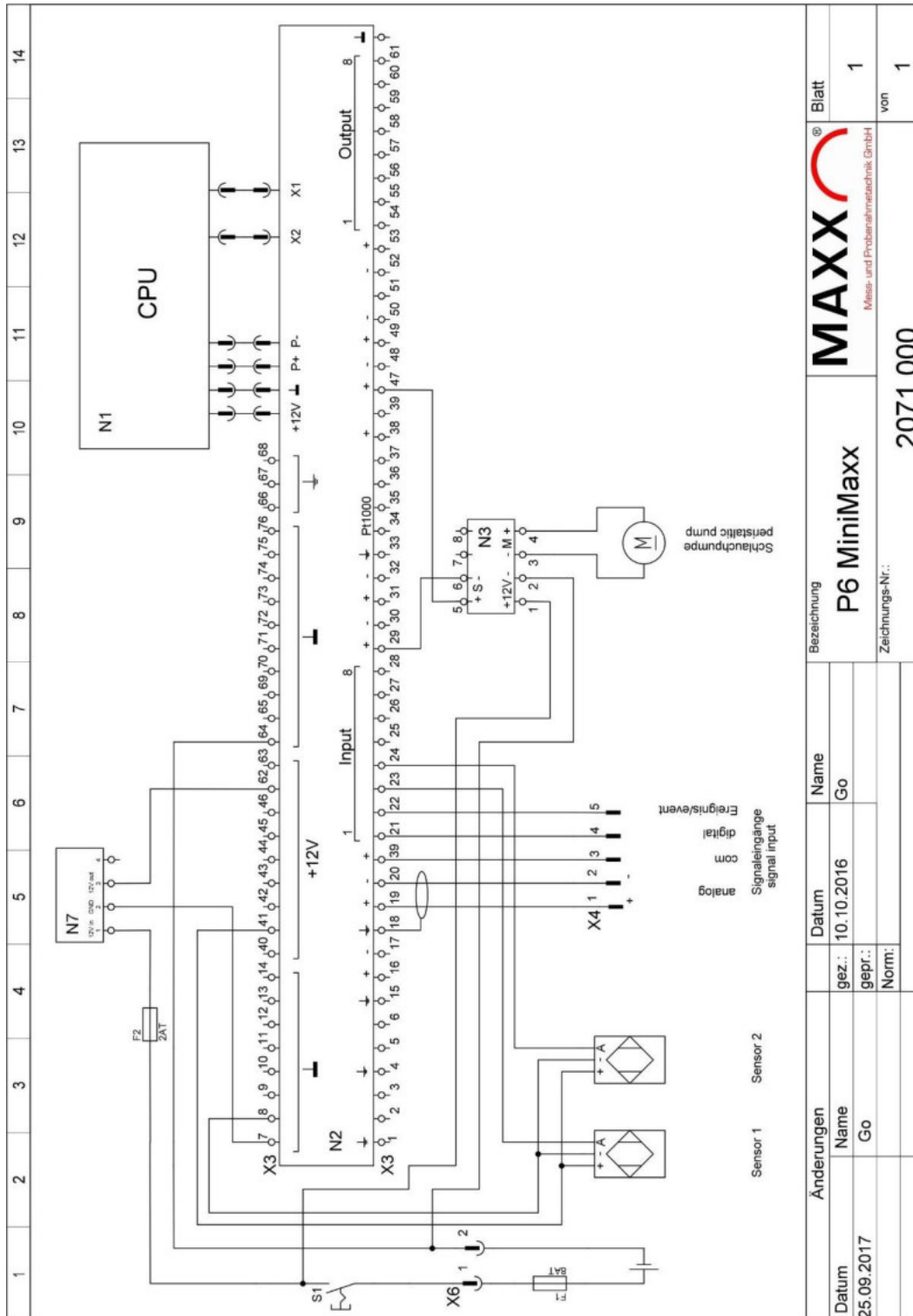
Valid from Serial No. 33670



Datum 25.09.2017		gez.: Go		Datum 02.02.2018		Name Go		Bezeichnung P6 L Maxx P		Blatt 1	
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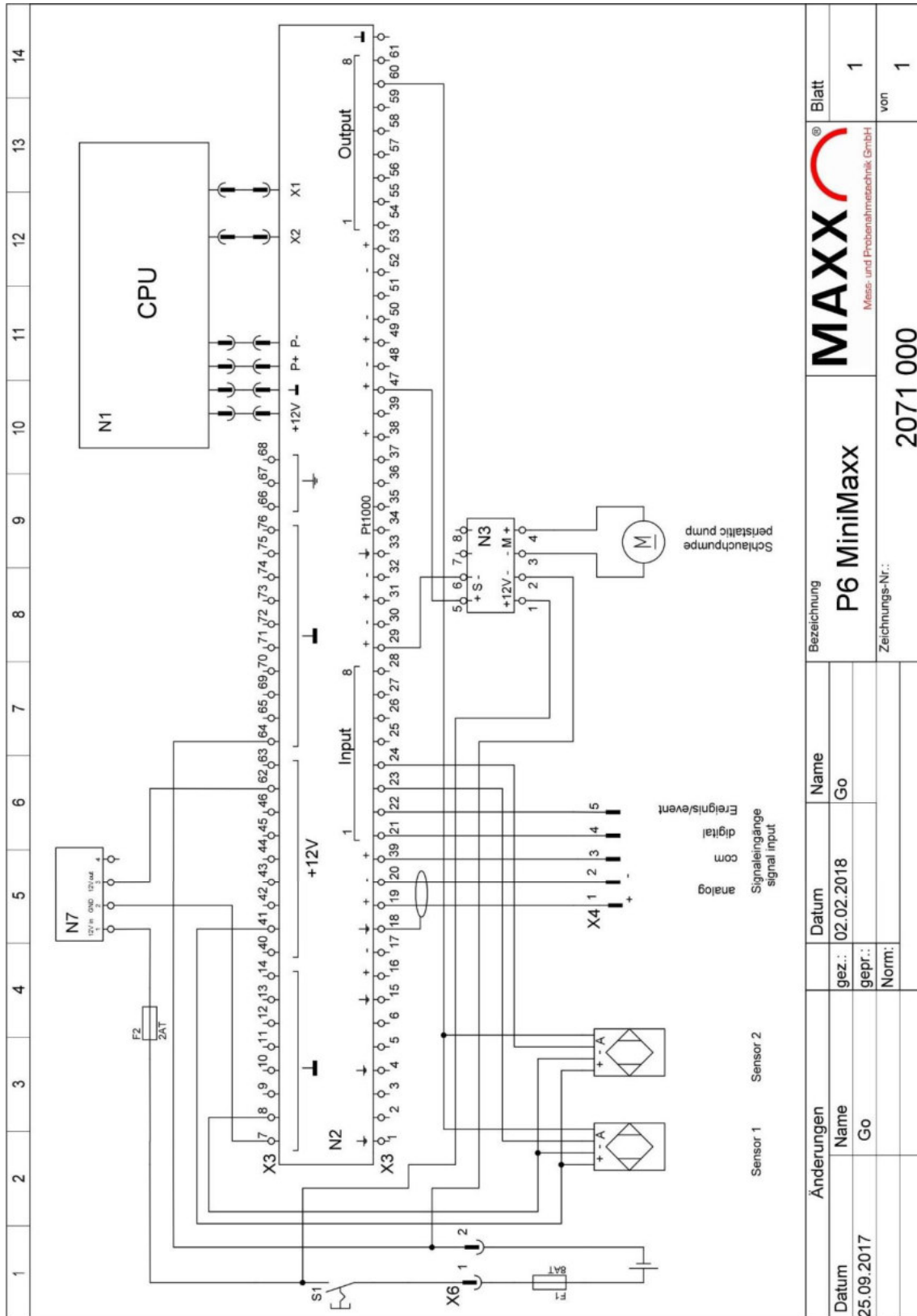
## Circuit diagram P6 MiniMAXX Peristaltic Pump

Valid from Serial No. 32688





Valid from Serial No. 33670



Änderungen		Datum		Bezeichnung		Blatt	
Datum	25.09.2017	gez.:	02.02.2018	Name	Go	MAXX <sup>®</sup>	
		gepr.:				Mess- und Probenahmetechnik GmbH	
		Norm.:				von 1	
				Zeichnungs-Nr.:		2071 000	