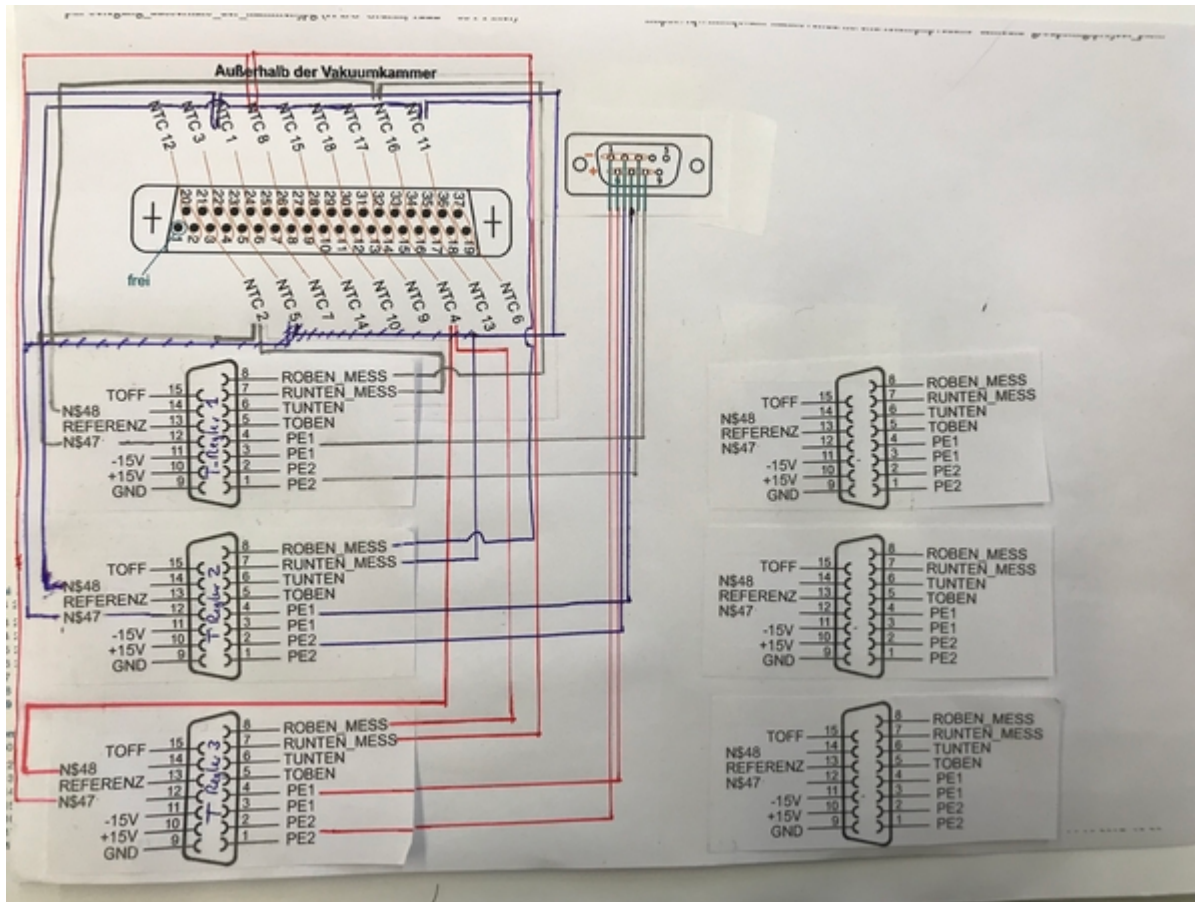


Labelling of the cables

Labelling of the T-Regler cable



Peltierelemente werden an der Oberseite warm, wenn Output-Pins 3,2 sowie 1 an positiver Spannung angeschlossen ist.

Benutzt wird der Kabeltyp:

- Für Peltierelemente: *LAPP Kabel Stuttgart Unitronic LIYCY 8×0.14*; Schirmung von alle Adern gleichzeitig
- Für In-loop-NTC's: *LAPP Kabel Stuttgart Unitronic LIYCY 6×0.14*; Schirmung von alle Adern gleichzeitig
- Für Out-of-loop-NTC's: *LAPP Kabel Stuttgart Unitronic LIYCY 16×0.14*; Schirmung von alle Adern gleichzeitig

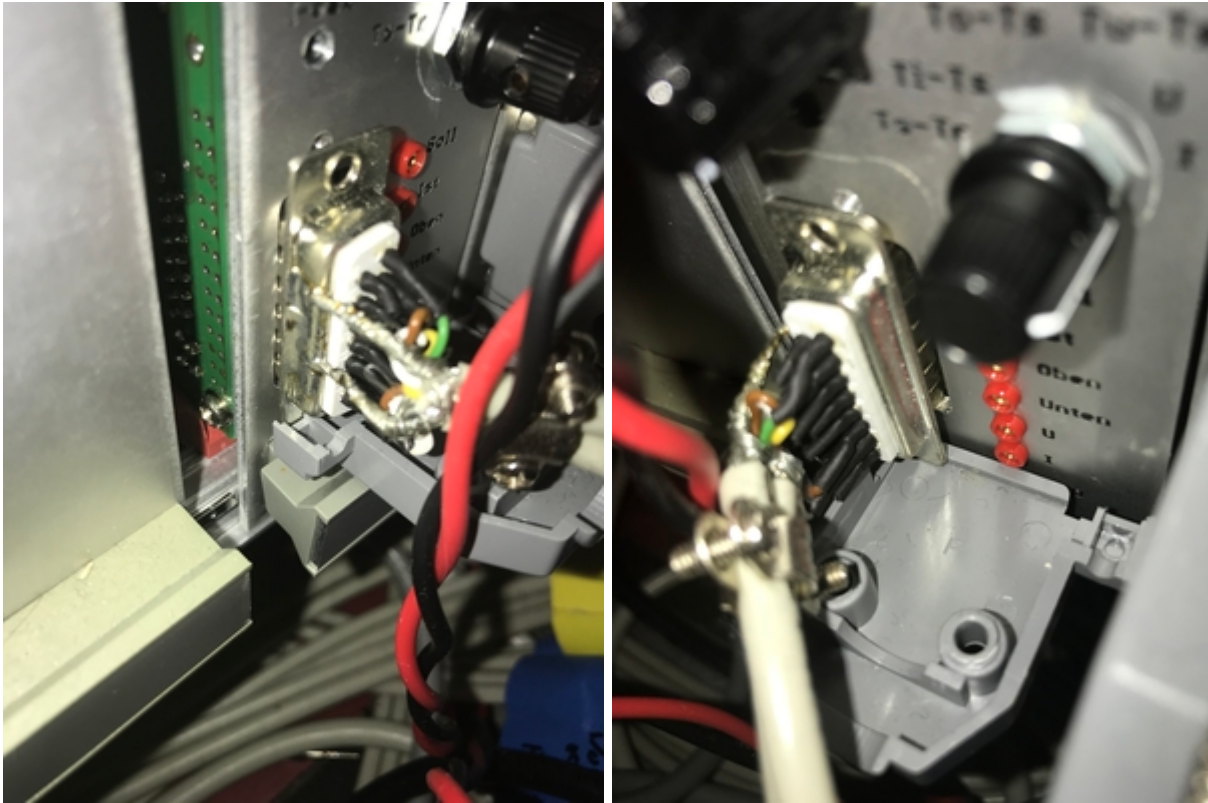
Device	Input: Male Connector	Description	Input: Pin	Cable Color	Output: Female Connector	Output: Pin	Cable-typ (Length)	Comment	NTC number
T-Regler 1	Sub-D-15 (1)	PE 2	1		Sub-D-9	3	8×0.14 (3m)	Use two wires for each Input-pin. Each Output-pin have four wires!	
		PE 2	2			3			
		PE 1	3			8			
		PE 1	4			8			
		RUNTEN_MESS	7		Sub-D-37	3	6×0.14 (3m)		NTC 2 NTC 16 NTC 2 NTC 16
		ROBEN_MESS	8			16			
		N47	12			21			
		N48	14			34			
T-Regler 2	Sub-D-15 (2)	PE 2	1		Sub-D-9	2	8×0.14 (3m)	Use two wires for each Input-pin. Each Output-pin have four wires!	
		PE 2	2			2			
		PE 1	3			7			
		PE 1	4			7			
		RUNTEN_MESS	7		Sub-D-37	6	6×0.14 (3m)		NTC 1 NTC 11 NTC 1 NTC 11
		ROBEN_MESS	8			18			
		N47	12			24			
		N48	14			36			
T-Regler 3	Sub-D-15 (3)	PE 2	1		Sub-D-9	1	8×0.14 (3m)	Use two wires for each Input-pin. Each Output-pin have four wires!	
		PE 2	2			1			
		PE 1	3			6			
		PE 1	4			6			
		RUNTEN_MESS	7		Sub-D-37	8	6×0.14 (3m)		NTC 8 NTC 4 NTC 8 NTC 4
		ROBEN_MESS	8			15			
		N47	12			26			
		N48	14			33			

Device	Input: Male Connector	Description	Input: Pin	Cable Color	Output: Female Connector	Output: Pin	Cable-typ (Length)	Comment	NTC number
Out-of-Loop-Monitoring-Box	Sub-D-25	NTC 3		1	Sub-D-37		16×0.14 (3m)		NTC 3
			2						
		NTC 5	3					NTC 5	
			4						
		NTC 6	5					NTC 6	
			6						
		NTC 7	7					NTC 7	
			8						
		NTC 9	9					NTC 9	
			10						
		NTC 10	11					NTC 10	
			12						
		NTC 12	13					NTC 12	
			14						
		NTC 13	15					NTC 13	
			16						
		NTC 14	17			16×0.14 (3m)		NTC 14	
			18						
		NTC 15	19					NTC 15	
			20						
		NTC 17	21					NTC 17	
			22						
		NTC 18	23					NTC 18	
			24						
		free	25				not used / not connected!		

Example of soldering



Schirmung der Kable an die Buchse auf der Seite des Reglers/Sub-D-15 Konnektor löten. Und die anderen Sub-D-15 Pins mit Schrumpfschlauch isolieren. Durchsichtigen Schrumpfschlauch verwenden!



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