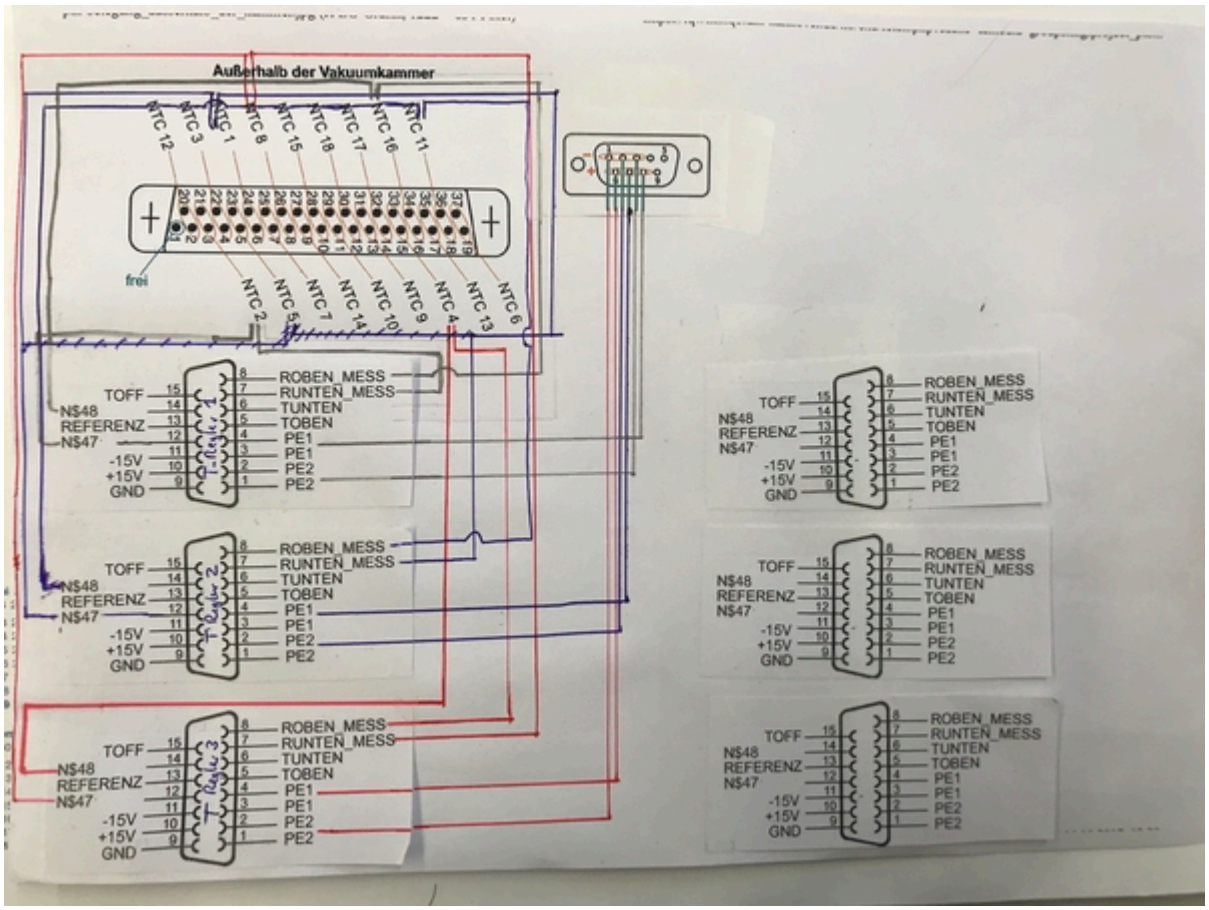
Labelling of the cables

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	Yellow + Grey	Sub-D-9	3	8×0.14 (3m)	Use two wires for each Input-pin. Each Output-pin have four wires!	
		PE 2	2	Brown + Green		3			
		PE 1	3	Blue + Pink		8		Use two wires for each Input-pin. Each Output-pin have four wires!	
		PE 1	4	White + Red		8			
		RUNTEN_MESS	7	Pink	Sub-D-37	3	6×0.14 (3m)		NTC 2
		ROBEN_MESS	8	White		16			NTC 16
		N47	12	Green		21			NTC 2
		N48	14	Grey		34			NTC 16
T-Regler 2	Sub-D-15 **(2)**	PE 2	1	Yellow + Grey	Sub-D-9	2	8×0.14 (3m)	Use two wires for each Input-pin. Each Output-pin have four wires!	
		PE 2	2	Brown + Green		2			
		PE 1	3	Blue + Pink		7		Use two wires for each Input-pin. Each Output-pin have four wires!	
		PE 1	4	White + Red		7			
		RUNTEN_MESS	7	Pink	Sub-D-37	6	6×0.14 (3m)		NTC 1
		ROBEN_MESS	8	White		18			NTC 11
		N47	12	Green		24			NTC 1
		N48	14	Grey		36			NTC 11
T-Regler 3	Sub-D-15 **(3)**	PE 2	1	Yellow + Grey	Sub-D-9	1	8×0.14 (3m)	Use two wires for each Input-pin. Each Output-pin have four wires!	
		PE 2	2	Brown + Green		1			
		PE 1	3	Blue + Pink		6		Use two wires for each Input-pin. Each Output-pin have four wires!	
		PE 1	4	White + Red		6			
		RUNTEN_MESS	7	Pink	Sub-D-37	8	6×0.14 (3m)		NTC 8
		ROBEN_MESS	8	White		15			NTC 4
		N47	12	Green		26			NTC 8
		N48	14	Grey		33			NTC 4

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 12	1	Yellow	Sub-D-37	2	16×0.14 (3m)		NTC 12
			14	Green		20			
		NTC 3	2	Green/White		4			NTC 3
			15	Brown		22			
		NTC 5	3	Grey		5			NTC 5
			16	Green/Brown		23			
		NTC 7	4	Pink		7			NTC 7
			17	White		25			
		NTC 14	5	Blue		9			NTC 14
			18	Blue/Red		27			
		NTC 15	6	Yellow/White		10			NTC 15
			19	Yellow/Brown		28			
		NTC 10	7	Red		11			NTC 10
			20	Pink/Grey		29			
		NTC 18	8	Black		12			NTC 18
			21	Purple		30			
		NTC 9	9	Yellow		13	16×0.14 (3m)		NTC 9
			22	Grey		31			
		NTC 17	10	Yellow/Brown		14			NTC 17
			23	Green/White		32			
		NTC 13	11	Yellow/White		17			NTC 13
			24	Green/Brown		35			
		NTC 6	12	Purple		19			NTC 6
			25	Black		37			
		free	13					not used / not connected!	

Example of soldering

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