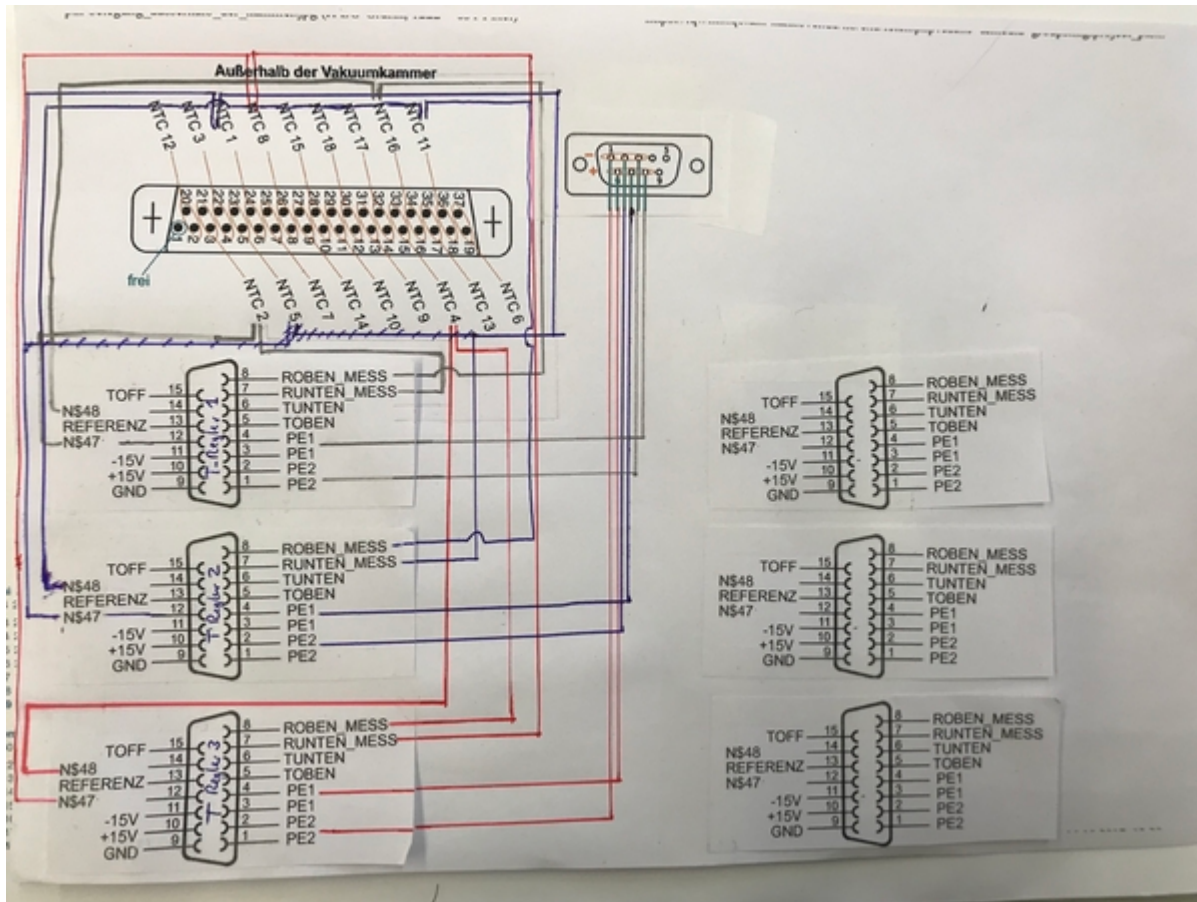


Labelling of the cables

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

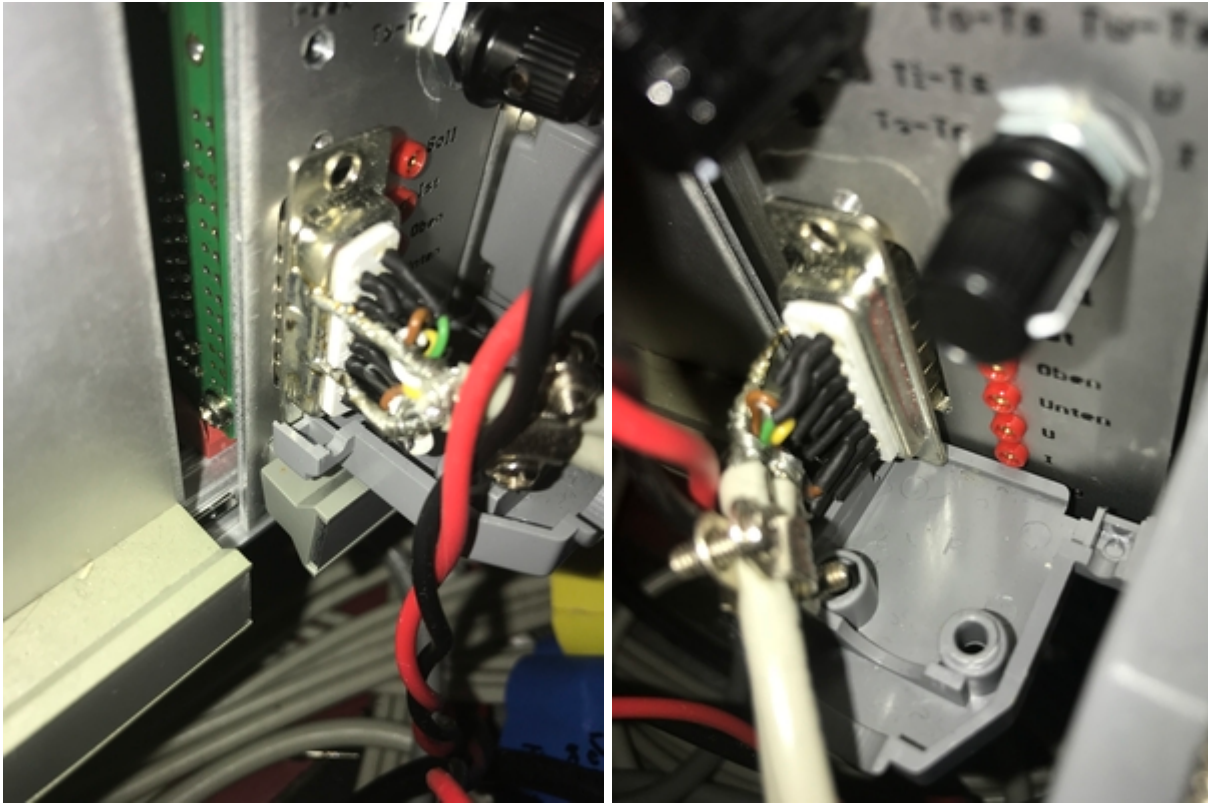
Device	Input: Male Connector	Description	Input: Pin	Cable Color	Output: Female Connector	Output: Pin	Cable-ty (Length)	Comment	NTC number	
T-Regler 1	Sub-D-15 (1)	PE 2	1	Yellow + Grey	Sub-D-9	3	8×0.14 (3m)	Use two wires for each Input-pin. Each Output-pin have four wires!		
		PE 2	2	Brown + Green		3				
		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 3	1	Yellow	Sub-D-37		16×0.14 (3m)		NTC 3
			14	Green					
		NTC 5	2	Green/White					NTC 5
			15	Brown					
		NTC 6	3	Grey					NTC 6
			16	Green/Brown					
		NTC 7	4	Pink					NTC 7
			17	White					
		NTC 9	5	Blue					NTC 9
			18	Blue/Red					
		NTC 10	6	Yellow/White			16×0.14 (3m)		NTC 10
			19	Yellow/Brown					
		NTC 12	7	Red					NTC 12
			20	Pink/Grey					
		NTC 13	8	Black					NTC 13
			21	Purple					
		NTC 14	9	Yellow					NTC 14
			22	Grey					
		NTC 15	10	Yellow/Brown					NTC 15
			23	Green/White					
		NTC 17	11	Yellow/White					NTC 17
			24	Green/Brown					
		NTC 18	12	Purple					NTC 18
			25	Black					
		free	13					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!



From:
<https://iqwiki.iqo.uni-hannover.de/> - IQwiki

Permanent link:
https://iqwiki.iqo.uni-hannover.de/doku.php?id=groups:mg:project_ptb-cavity:labelling_of_the_cables&rev=1508484562

Last update: 2017/10/20 07:29

