

## 104 Series

Type	Contact Termination	Type "A"		Type "Z"		Cable Clamp <sup>1)</sup>	Number of Contacts				Part Number Crimping Tool	Part Number Positioner	Part Number Insertion Tool	Part Number Extraction Tool	Wrench Size  1	Wrench Size  2 <sup>3)</sup>	Torque [Nm]			
		Plug	Receptacle	Plug	Receptacle			L	B	C										
104 A 051 Z	Solder					S	2	11	2.5	3.5					12	13	2.0			
						U	2	11	-	3.5								12	13	2.0
						E	2	11	2.5	3.5									12	13
104 A 040 Z	Solder					S	3	11	2.5	3.5					12	13	2.0			
						U	3	11	-	3.5								12	13	2.0
						E	3	11	2.5	3.5									12	13
	Crimp					S	3	12	2.5	5	TX00.242				TX00.201	12	13	2.0		
						U	3	12	-	5	TX00.242							12	13	2.0
						E	3	12	2.5	5	TX00.242							12	13	2.0
104 A 037 Z	Solder					S	4	10	2.5	2.5					12	13	2.0			
						U	4	10	-	2.5								12	13	2.0
						E	4	10	2.5	2.5								12	13	2.0
104 A 087 Z	Solder					S	2	9	2.5	2					12	13	2.0			
						U	2	10	2.5	3.5								12	13	2.0
						E	2	9	-	2								12	13	2.0
	Solder					S	4	9	2.5	2					12	13	2.0			
						U	4	10	2.5	3.5								12	13	2.0
						E	4	9	-	2								12	13	2.0

All specifications are typical and have to be adjusted according to the cable construction and dimensions.  
Torque [Nm] are recommended values that may be influenced by the characteristics of the cable jacket.  
Tests have to be made to evaluate the exact values. To secure the cable clamp nut, we recommend the use of thread locking adhesive.

All dimensions are in millimeters and are for reference only.

<sup>1)</sup> S - Shielded cable clamp  
U - Unshielded cable clamp  
E - Sealed cable clamp  
<sup>2)</sup> See Online Crimping Instructions  
<sup>3)</sup> Except for DK body style: Wrench size = 12

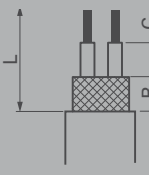



































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		Plug	Receptacle	Plug	Receptacle		L	B	C	1	5							
104 A 053 Z	Solder					S	1	8	2.5	2.5	2.5					12	13	2.0
						U	4	10	2.5	2.5	2.5							12
		E	1	8	-	2.5	2.5									12	13	2.0
			4	10	-	2.5	2.5									12	13	2.0
104 A 065 Z	Solder					S	6	10	2.5	2	2					12	13	2.0
						U	6	10	-	2	2							12
		E	6	10	2.5	2	2									12	13	2.0
			1	7	2.5	2	2									12	13	2.0
		S	6	9	2.5	2	2									12	13	2.0
			7	9	2.5	2	2									12	13	2.0
104 A 054 Z	Solder					S	1	7	-	2	2					12	13	2.0
						U	7	7	-	2	2							12
		E	6	9	-	2	2									12	13	2.0
			7	9	-	2	2									12	13	2.0
		S	1	7	2.5	2	2									12	13	2.0
			6	9	2.5	2	2									12	13	2.0

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	Plug	Receptacle	Plug	Receptacle	Plug	Receptacle			L	B	C								
104 A 066 Z	Solder						S	8	9	2.5	2					12	13	2.0	
							U	8	9	-	2					12	13	2.0	
							E	8	9	2.5	2					12	13	2.0	
	Crimp							S	8	16	2.5	3.5	TX00.240	<sup>2)</sup>	TX00.211	TX00.205	12	13	2.0
								U	8	16	-	3.5	TX00.240	<sup>2)</sup>	TX00.211	TX00.205	12	13	2.0
								E	8	16	2.5	3.5	TX00.240	<sup>2)</sup>	TX00.211	TX00.205	12	13	2.0
104 A 055 Z	Solder						S	1	8.5	2.5	3					12	13	2.0	
							U	8	10.5	2.5	2					12	13	2.0	
							E	1	10	-	3					12	13	2.0	
	Crimp							S	8	12	-	2				12	13	2.0	
								U	8	12	-	2					12	13	2.0
								E	8	12	-	2					12	13	2.0
104 A 056 Z	Solder						S	3	7	2.5	2					12	13	2.0	
							U	8	9	2.5	2					12	13	2.0	
							E	3	9	-	2					12	13	2.0	
	Crimp							S	11	14.5	2.5	3	TX00.240	<sup>2)</sup>	TX00.211	TX00.205	12	13	2.0
								U	11	12	-	3	TX00.240	<sup>2)</sup>	TX00.211	TX00.205	12	13	2.0
								E	11	14.5	2.5	3	TX00.240	<sup>2)</sup>	TX00.211	TX00.205	12	13	2.0

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	Solder	Crimp					Plug	Receptacle	L							
104 A 086 Z	Solder	Crimp	 Plug	 Receptacle	S	1	6.5	2.5	2	TX00.240				12	13	2.0
						5	8.5	2.5	2							
						10	10.5	2.5	2							
	U	E	 Plug	 Receptacle	U	1	9	-	2	TX00.210				12	13	2.0
						5	11	-	2							
						10	13	-	2							
E	E	 Plug	 Receptacle	E	1	6.5	2.5	2	TX00.240				12	13	2.0	
					5	8.5	2.5	2								
					10	10.5	2.5	2								
	S	U	E	S	16	15.5	2.5	3	TX00.200	2)	TX00.210		12	13	2.0	
					16	15.5	-	3								
					16	15.5	2.5	3								

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	Plug	Receptacle	Plug	Receptacle				L	B	C						
104 A 092 Z					Solder	S	1	6.5	2.5	2				12	13	2.0
							19	8.5	2.5	2				12	13	2.0
					Solder	U	1	9	-	2				12	13	2.0
							6	11	-	2				12	13	2.0
					Crimp	E	1	6.5	2.5	2				12	13	2.0
							6	8.5	2.5	2				12	13	2.0
				Crimp	S	12	10.5	2.5	2				12	13	2.0	
						19	15.5	2.5	3	TX00.240	TX00.210	TX00.200	12	13	2.0	
104 A 124					Crimp	U	19	15.5	-	3	TX00.240	TX00.210	TX00.200	12	13	2.0
							19	15.5	2.5	3	TX00.240	TX00.210	TX00.200	12	13	2.0
					Crimp	E	19	15.5	2.5	3	TX00.240	TX00.210	TX00.200	12	13	2.0
							27	14.5	2.5	2.5	TX00.240	TX00.214	TX00.213	12	13	2.0
					Crimp	U	27	14.5	-	2.5	TX00.240	TX00.214	TX00.213	12	13	2.0
							27	14.5	2.5	2.5	TX00.240	TX00.214	TX00.213	12	13	2.0

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