



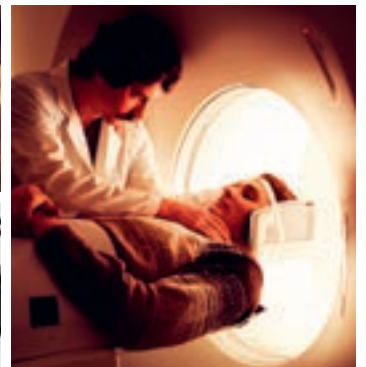
Quick Reference Guide
INTERCONTEC PRODUCTS

INTERCONTEC CONNECTOR SERIES

With the Intercontec product portfolio, TE Connectivity now offers a large variety of solutions that make connecting easy. Our connectors consist of only a few single parts with a modular architecture which makes them highly compatible and usable in many different combinations. The connector assembly is possible without any tools and particularly easy due to the innovative crown clamp: the shielding mesh can remain uncut. Multiple codings prevent faulty mating of connectors when wiring complex equipment. With know-how and market expertise we challenge existing standards. We take a visionary approach to determine the connector technology of the future to provide our customers with innovative and market oriented solutions. Our connectors follow highly sophisticated engineering principles safeguarding an extremely easy and efficient assembly process. By elaborating highly user friendly optimum system solutions which are brought to the market in a very short time we quickly respond to our customers' needs. This is the key strength of TE's Intercontec products.



APPLICATIONS



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Product Families

Power connectors (9 Series)		Signal connectors (6 Series)		Hybrid connectors (7 Series)	
					
912	923	615	623	723	740
915	940	617	627		
917	958				
912 means: size 12 power connector					

Highlights

ytec and itec Self-locking Systems						
ytec, itec	ytec connector	itec connector	SpeedTec Locking System	Locktec connector	singletec connector	htec connector
						
Quick lock fastener fully connected with just a click self locking connection	The ytec system requires only one mounting hole	itec is available in all ytec pin layouts and is compatible with all mating ytec plugs	Quick lock fastener fully connected with just an eighth rotation	The freely terminable connectors with the characteristics of a molded version	One single pin power connector	Power, signal and data in one connector

Product Categories

Plug	Plug, angled	Bulkhead	Extension	Extension, angled	Receptacle	Receptacle, angled
						
Cable connector with coupling nut	Angled cable connector with coupling nut	Device connector with coupling nut. Interface: flange, thread, counter nut, etc.	Cable connector with outside thread. Additional versions for cabinets, walls, etc	Angled cable connector with outside thread	Device connector with outside thread	Angled device connector with outside thread

Finding a TE Part Number – 18 digits

TE CONNECTIVITY PART NUMBER

E S B 002 N 00 32 0001 000

INTERCONTEC PART NUMBER

E S T B 002 N N 00 32 0001 000

Series:

A = Signal (617, 623, 627)
 B = Power (917, 923)
 C = 940
 D = 958
 E = 615/915
 S = Singletec 923

Housing:

ST Plug → S
 KU Extensions → K
 EG Receptacles, straight → E
 ED Receptacles, angled, rotatable → G
 DF Bulkhead connector → D
 EW Receptacles, angled → F
 SD Plug, angled, rotatable → U

*only applicable for series 615, 915, 617, 917, 623, 923, 627, 940, 958
 *does not apply for Series 723, 740, 932

Material for clamping ring:

A = metal cable fitting
 B = plastic cable fitting

Insulation Inserts:

internal code

Packaging:

internal code

Design Variation:

internal code

Cable Clamp:

internal code
 For bulkhead connectors, plugs, angled plugs, receptacles and angled receptacles corresponding field is marked „00“.

Contacts:

internal code
 NN OO = contacts not part of delivery contents.

Please order separately with denoted item number.

MALE			FEMALE		
OLD	NEW	Connection	OLD	NEW	Connection
MR	M	Crimp	FR	F	Crimp
MS	S	Solder	FS	G	Solder
MD	D	Board solder	FD	H	Board solder
MU	U	Mixed components	FU	P	Mixed components
MT	T	Screwed	FC	C	Screw M5 LIMOTEC
MC	K	Screw/crimp			
MM	A	618 torque			
NN	N	No contacts	NN	N	

Finding a TE Part Number – 15 digits

INTERCONTEC PART NUMBER: 60.004.11

	Letter/Number	Letter/Number	Special Character	Letter	Number	Number	Number	Special Character	Letter/Number	Letter Number	Letter/Number	Special Character	Letter	Letter/Number	Letter/Number
Part Number (Old)	Position 1	Position 2	Position 3	Position 4	Position 5	Position 6	Position 7	Position 8	Position 9	Position 10	Position 11	Position 12	Position 13	Position 14	Position 15
10.415.02	1	0	.		4	1	5	.		0	2				
60.004.11	6	0	.		0	0	4	.		1	1				
60.046.21.015	6	0	.		0	4	6	.		2	1	.	0	1	5
10.681.00-UB	1	0	.		6	8	1	.		U	B				
61.232.11.00M	6	1	.		2	3	2	.		1	1	.	0	0	M
61.232.11.C00	6	1	.		2	3	2	.		1	1	.	C	0	0
80.362.KB	8	0	.		3	6	2	.		K	B				
81.139.T92	8	1	.		1	3	9	.	T	9	2				
8C.001.01.001	8	C	.		0	0	1	.		0	1	.	0	0	1
A6.032.F15	A	6	.		0	3	2	.	F	1	5				
C6.107.00.C00	C	6	.		1	0	7	.		0	0	.	C	0	0
C0.313.00.LG	C	0	.		3	1	3	.		0	0	.	L	G	
BB.182.00-SW	B	B	.		1	8	2	.		0	0	.	S	W	
FF.051.00.010	F	F	.		0	5	1	.		0	0	.	0	1	0
40.A132.00	4	0	.	A	1	3	2	.		0	0				

TE CONNECTIVITY PART NUMBER: 60-0004-011-0000

	Letter/Number	Letter/Number	Special Character	Letter	Number	Number	Number	Special Character	Letter/Number	Letter/Number	Letter/Number	Special Character	Letter/Number	Letter/Number	Letter/Number
Part Number (New)	Position 1	Position 2	Position 3	Position 4	Position 5	Position 6	Position 7	Position 8	Position 9	Position 10	Position 11	Position 12	Position 13	Position 14	Position 15
10-0415-002-000	1	0	-	0	4	1	5	-	0	0	2	-	0	0	0
60-0004-011-000	6	0	-	0	0	0	4	-	0	1	1	-	0	0	0
60-0046-021-015	6	0	-	0	0	4	6	-	0	2	1	-	0	1	5
10-0681-000-0UB	1	0	-	0	6	8	1	-	0	0	0	-	0	U	B
61-0232-011-00M	6	1	-	0	2	3	2	-	0	1	1	-	0	0	M
61-0232-011-C00	6	1	-	0	2	3	2	-	0	1	1	-	C	0	0
80-0362-0KB-000	8	0	-	0	3	6	2	-	0	K	B	-	0	0	0
81-0139-T92-000	8	1	-	0	1	3	9	-	T	9	2	-	0	0	0
8C-0001-001-001	8	C	-	0	0	0	1	-	0	0	1	-	0	0	1
A6-0032-F15-000	A	6	-	0	0	3	2	-	F	1	5	-	0	0	0
C6-0107-000-C00	C	6	-	0	1	0	7	-	0	0	0	-	C	0	0
C0-0313-000-0LG	C	0	-	0	3	1	3	-	0	0	0	-	0	L	G
BB-0182-000-0SW	B	B	-	0	1	8	2	-	0	0	0	-	0	S	W
FF-0051-000-010	F	F	-	0	0	5	1	-	0	0	0	-	0	1	0
40-A132-000-000	4	0	-	A	1	3	2	-	0	0	0	-	0	0	0

912

								
Pin Number		SpeedTec Plug		SpeedTec Extension		SpeedTec Receptacle angled, rotatable		
8 (3+PE+4) 	M	TE		BKA441N00xx100B000	BGA442N0000yyyy000			
		IC		BKUA441NN00xx100B000	BEDA442NN0000yyyy000			
	F	TE	BSA440N00xx100B000					
		IC	BSTA440NN00xx100B000					
10 (3+PE+6)* 	M	TE	available 05/2018					
		IC						
	F	TE						
		IC						
TECHNICAL DATA		Housing:..... zinc diecast, nickel-plated, plastic coated Insulation insert:..... PA/PBT, UL 94-V0 Sealing:..... FPM Clamp ring:..... brass, nickel-plated Current:..... 8 A (3+PE)/1A (4x) (8 pol), 8 A (3+PE)/0.6 A (6x) (10 pol) Voltage:..... 630 V AC/DC/48 V (8 pol), 300 V DC/DC/32V(4x), 50 V (2x) (10pol) Protection type:..... IP 66/67 connected Mating Cycles:..... 500 Temperature range:..... -20 °C to 130 °C Shielding:..... EMC 360 ° shielded housing						

Note: M = Male, F = Female

xx = 08: cable dia. 8.0 - 8.9 mm, 09: cable dia. 8.7 - 9.9 mm

yyyy receptacle angled = 100B: flange size 21.6 x 21.6 mm, 101B: flange size 25.7 x 25.7 mm

CONTACT PN	CRIMPING RANGE MM ²	CONTACT FEATURE/ CONTACT DIAMETER MM	CRIMP TOOL PN	LOCATOR / CRIMPING INSERT	INSULATION INSERT				
					440 8 - F	441 8 - M	442 8 - M	460 8 - F	461 10 - M
TE 1658537-3	AWG 24-20/ 0.2 - 0.6	Bandoleer socket D-Sub/1	58448-3		4x			4x	
IC 60.438.00									
TE 1658542-2	AWG 22-18/ 0.4 - 0.8	Bandoleer socket D-Sub/1	91513-1		4x			4x	
IC 60.457.00									
TE 1658538-2	AWG 28-24/ 0.08 - 0.22	Bandoleer socket D-Sub/1	58448-3		4x			4x	
IC 60.218.00									
TE 60-0278-011-000	AWG 32-22/ 0.03 - 0.34	Socket slotted/0.6	CO-0325-000-000	CO-0265-000-000	4x			6x	
IC 60.278.11			CO.325.00	CO.265.00					
TE 1658539-1	AWG 24-20/ 0.2 - 0.6	Bandoleer pin D-Sub/1	58448-3			4x	4x		4x
IC 61.233.00									
TE 1658541-1	AWG 22-18/ 0.4 - 0.8	Bandoleer pin D-Sub/1	91513-1			4x	4x		4x
IC 61.379.00									
TE 1658540-4	AWG 28-24/ 0.08 - 0.22	Bandoleer pin D-Sub/1	58448-3			4x	4x		4x
IC 61.222.00									
TE 61-0252-011-000	AWG 32-22/ 0.03 - 0.34	Pin/0.6	CO-0325-000-000	CO-0265-000-000		4x	4x		6x
IC 61.252.11			CO.325.00	CO.265.00					

MAIN DIMENSIONS, HOUSING VARIANTS



915

										
Pin Number	ytec and itec Self-locking plug		itec Extension		itec Receptacle		itec Receptacle angled, rotatable		ytec Receptacle double, rotatable	
9 (3+PE+5) 	M	TE	ESA201N00xx0500000	EKA201N00xx0500000	EEA201N0000yyyy000	EGA201N00000800000	EGA103N0000yyyy000			
		IC	ESTA201NN00xx0500000	EKUA201NN00xx0500000	EEGA201NN0000yyyy000	EEDA201NN00000800000	EEDA103NN0000yyyy000			
	F	TE	ESA202N00xx0500000	EKA202N00xx0500000	EEA202N0000yyyy000	EGA202N00000800000	EGA107N0000yyyy000			
		IC	ESTA202NN00xx0500000	EKUA202NN00xx0500000	EEGA202NN0000yyyy000	EEDA202NN00000800000	EEDA107NN0000yyyy000			
15 (12+3) 	M	TE	ESA204N00xx0003000	EKA204N00xx0003000	EEA204N0000yyyy000	EGA204N00000600000	EGA103N0000yyyy000			
		IC	ESTA204NN00xx0003000	EKUA204NN00xx0003000	EEGA204NN0000yyyy000	EEDA204NN00000600000	EEDA103NN0000yyyy000			
	F	TE	ESA205N00xx0003000	EKA205N00xx0003000	EEA205N0000yyyy000	EGA205N00000600000	EGA107N0000yyyy000			
		IC	ESTA205NN00xx0003000	EKUA205NN00xx0003000	EEGA205NN0000yyyy000	EEDA205NN00000600000	EEDA107NN0000yyyy000			
TECHNICAL DATA		Housing:..... zinc diecast, nickel-plated, plastic coated				Voltage:.....630 V AC/DC/63 V (9 pol), 63 V (12+3 pol)				
		Insulation insert:PA/ PBT, UL 94-V0				Protection type:.....IP 66/67 connected				
		Sealing:.....FPM				Mating Cycles:.....500				
		Clamp ring:brass, nickel-plated				Temperature range:.....-20 °C to 130 °C				
		Current:14 A(3+PE)/ 3,6 A (5x) (9 pol), 5 A(12x/ 14 A (3x) (12+3 pol)				Shielding:.....EMC 360 ° shielded housing				

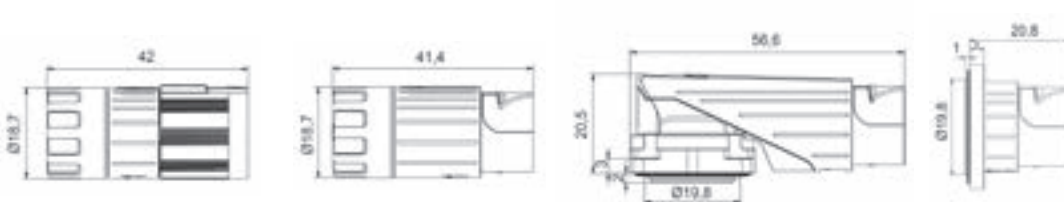
Note: M = Male, F = Female

xx = 31: cable dia. 4.5 - 6.5 mm, 32: cable dia. 6.5 - 8.5 mm,
 xx = 33: cable dia. 8.5 - 10.5 mm, 34: cable dia. 10.5 - 12.0 mm,

yyyy receptacle = 0001: flange size 21.6 x 21.6 mm, 0002: flange size 25.7 x 25.7 mm
 yyyy double receptacle = 0001: flange size 25.8 x 25.8 mm, 0002: flange size 28.0 x 28.0 mm

CONTACT PN		CRIMPING RANGE MM ²	CONTACT FEATURE/ CONTACT DIAMETER MM	CRIMP TOOL PN	INSULATION INSERT					
					201 9 - M	202 9 - F	204 15 - M	205 15 - F	103 9+15 - M	107 9+15 - F
TE	60-0251-011-000	0.5 - 1.5	Slotted power /1	C0-0235-000-000		4x		3x		7x
IC	60.251.11			C0.235.00						
TE	60-0252-011-000	0.05 - 0.75	Female Signal /1	C0-0235-000-000		5x		12x		17x
IC	60.252.11			C0.235.00						
TE	60-0265-011-000	0.05 - 0.75	Slotted power /1	C0-0235-000-000		4x		3x		7x
IC	60.265.11			C0.235.00						
TE	61-0231-011-000	0.5 - 1.5	Pin power /1	C0-0235-000-000	4x		3x		7x	
IC	61.231.11			C0.235.00						
TE	61-0232-011-000	0.05 - 0.75	Pin Signal /1	C0-0235-000-000	5x		12x		17x	
IC	61.232.11			C0.235.00						
TE	61-0139-011-000	0.05 - 0.75	Pin power /1	C0-0235-000-000	4x		3x		7x	
IC	61.139.11			C0.235.00						

MAIN DIMENSIONS, HOUSING VARIANTS



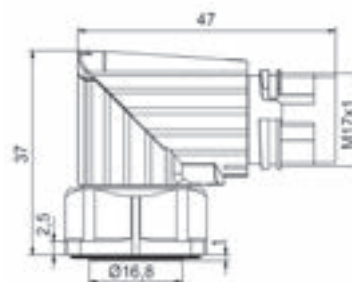
ACCESSORIES



Plastic protection cap
 TE: 8A-0033-000-000
 IC: 8A.033.00

xx = 87: cable dia. 3.5 - 6.0 mm, **85:** cable dia. 6.0 - 9.5 mm, **86:** cable dia. 9.5 - 12.0 mm
yyyy 4way = **053A:** flange size 21.6 x 21.6 mm, **054A:** flange size 25.7 x 25.7 mm, **055A:** flange size 28.0 x 28.0 mm
yyyy 7/9 way = **051A:** flange size 21.6 x 21.6 mm, **052A:** flange size 25.7 x 25.7 mm, **050A:** flange size 28.0 x 28.0 mm

MAIN DIMENSIONS, HOUSING VARIANTS



917

CONTACT FEATURE/ CONTACT				INSULATION INSERT										
CONTACT PN		CRIMPING RANGE MM²	CONTACT DIAMETER MM	CRIMP TOOL PN	896 4-M	894 4-F	863 7-M	878 7-M	861 7-F	880 7-F	908 9-F	908 9-F	002 1-M	001 1-F
TE	60-0001-011-000	0.06 - 1.0	wire spring /1	C0-0235-000-000					7x					
IC	60.001.11			C0.235.00										
TE	60-0011.011-000	0.06 - 1.0	slotted /1	C0-0235-000-000					7x					
IC	60.011.11			C0.235.00										
TE	60-0172-011-000	0.03 - 0.34	slotted /1	C0-0235-000-000					7x					
IC	60.172.11			C0.235.00										
TE	60-0159.011-000	0.5 - 1.5	wire spring /1	C0-0235-000-000						7x		4x		
IC	60.159.11			C0.235.00										
TE	60-0197-011-000	0.35 - 2.5	slotted /2	C0-0235-000-000		4x								
IC	60.197.11			C0.235.00										
TE	60-0205-011-000	0.05 - 0.5	slotted /0.6	C0-0235-000-000								5x		
IC	60.205.11			C0-235-00										
TE	60-0232-011-000	6.0 - 10.0	socket lamella /3.6	C0-0008-000-000										1x
IC	60.232.11			C0-008-00										
TE	60-0240-011-000	1.5 - 4.0	socket lamella /3.6	C0.008.00										1x
IC	60.240.11			C0-0008-000-000										
TE	61-0004-011-000	0.06 - 1.0	slotted /1	C0-0235-000-000			7x							
IC	61.004.11			C0.235.00										
TE	61-0083-011-000	0.03 - 0.34	slotted /1	C0-0235-000-000			7x							
IC	61.083.11			C0.235.00										
TE	61-0141-011-000	0.5 - 1.5	pin /1	C0-0235-000-000				7x			4x			
IC	61.141.11			C0.235.00										
TE	61-0167-011-000	0.35 - 2.5	pin /2	C0-0235-000-000	4x									
IC	61.167.11			C0.235.00										
TE	61-0178-011-000	0.05 - 0.5	pin /0.6	C0-0235-000-000							5x			
IC	61.178.11			C0.235.00										
TE	61-0215-011-000	6.0 - 10.0	pin /3.6	C0-0008-000-000									1x	
IC	61.215.11			C0.008.00										
TE	61-0220-011-000	1.5 - 4.0	pin /3.6	C0-0008-000-000									1x	
IC	61.220.11			C0.008.00										

ACCESSORIES



Plastic protection cap
TE: 8A-0029-000-000
IC: 8A.029.00



Metal flange, hinged
TE: E0-0194-002-000
IC: E0.194.02



Metal protection cap
TE: 8B-0048-0001-000
IC: 8B.048.01



Metal protection cap
TE: 8B-0067-001-000
IC: 8B.067.01

AUTOMATION OPTIONS

- Contacts on reel and processing with strip-crimping machine on request
- Power crimping of turned contacts on request



Power crimping machine

ASSEMBLY TOOLS



Fixture
TE: WA-0100-092-000
IC: WA10092



Fitting tool for insulator
TE: C6-0107-000-000
IC: C6.107.00



Removing tool for insulator
TE: C4-0022-000-000
IC: C4.022.00



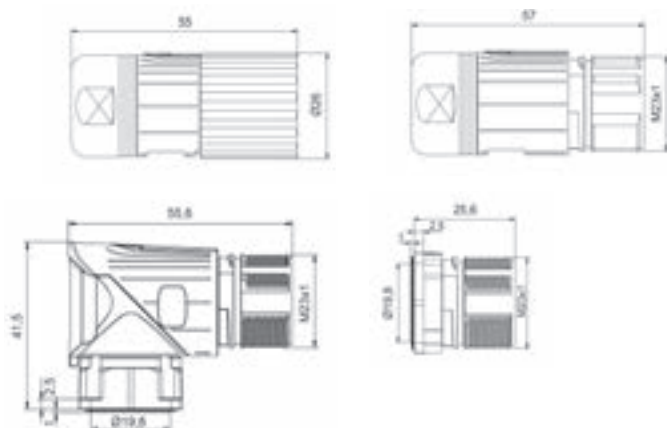
Positioning insert
TE: C0-0249-000-000
IC: C0.249.00



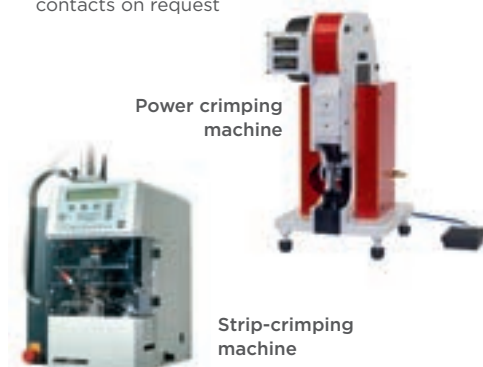
Strip-crimping machine

BEGA-type **yyyy = 0100**: flange size 25.7 x 25.7 mm, **0101**: flange size 28.0 x 28.0 mm
BEDC-type **yyyy = 1116**: flange size 25.7 x 25.7 mm, **1100**: flange size 28.0 x 28.0 mm

AUTOMATION OPTIONS



- Contacts on reel and processing with strip-crimping machine on request
- Power crimping of turned contacts on request



923

CONTACT				INSULATION INSERT											
CONTACT PN	CRIMPING RANGE MM²	CONTACT FEATURE/ CONTACT DIAMETER MM	CRIMP TOOL PN	116				120		082	144 145				
				085	186	106	078	199	110	200	201	091	001	002	
TE	60-0254-011-000	0.35 - 2.5	tension spring / 2	CO-0236-000-000	6x			4x			4x				
IC	60.254.11		CO.236.00												
TE	60-0302-011-000	2.5 - 4	tension spring / 2	CO-0236-000-000	6x			4x			4x				
IC	60.302.11		CO.236.00												
TE	61-0021-011-000	0.35 - 2.5	pin extension / 2	CO-0236-000-000		6x			4x			4x			
IC	61.021.11		CO.236.00												
TE	61-0027-011-000	2.5 - 4	pin extension / 2	CO-0236-000-000		6x			4x			4x			
IC	61.027.11		CO.236.00												
TE	61-0194-011-000	0.1 - 0.5	pin receptacle / 2	CO-0236-000-000			6x			4x			4x		
IC	61.194.11		CO.236.00												
TE	61-0193-011-000	0.35 - 2.5	pin receptacle / 2	CO-0236-000-000			6x			4x			4x		
IC	61.193.11		CO.236.00												
TE	61-0011-011-000	0.14 - 1.0	slotted / 1	CO-0236-000-000				4x			5x				
IC	61.011.11		CO.236.00												
TE	60-0216-011-000	0.5 - 1.5	slotted / 1	CO-0236-000-000				4x			5x				
IC	60.216.11		CO.236.00												
TE	61-0020-011-000	0.14 - 1.0	pin extension / 1	CO-0236-000-000					4x			5x			
IC	61.020.11		CO.236.00												
TE	61-0189-011-000	0.5 - 1.5	pin extension / 1	CO-0236-000-000					4x			5x			
IC	61.189.11		CO.236.00												
TE	61-0083-011-000	0.03 - 0.34	pin receptacle / 1	CO-0235-000-000						4x			5x		
IC	61.083.11		CO.235.00												
TE	61-0004-011-000	0.14 - 1.0	pin receptacle / 1	CO-0236-000-000						4x			5x		
IC	61.004.11		CO.236.00												
TE	60-0185-023-000	10	socket lamella / 8	CO-0207-000-000										1x	
IC	60.185.23		CO.207.00												
TE	60-0195-023-000	16	socket lamella / 8	CO-0207-000-000										1x	
IC	60.195.23		CO.207.00												
TE	60-0194-023-000	25	socket lamella / 8	CO-0207-000-000										1x	
IC	60.194.23		CO.207.00												
TE	60-0193-023-000	35	socket lamella / 8	CO-0207-000-000										1x	
IC	60.193.23		CO.207.00												
TE	60-0192-023-000	50	socket lamella / 8	CO-0207-000-000										1x	
IC	60.192.23		CO.207.00												
TE	61-0164-023-000	10	pin / 8	CO-0207-000-000										1x	
IC	61.164.23		CO.207.00												
TE	61-0163-023-000	16	pin / 8	CO-0207-000-000										1x	
IC	61.163.23		CO.207.00												
TE	61-0159-023-000	25	pin / 8	CO-0207-000-000										1x	
IC	61.159.23		CO.207.00												
TE	61-0161-023-000	35	pin / 8	CO-0207-000-000										1x	
IC	61.161.23		CO.207.00												
TE	61-0162-023-000	50	pin / 8	CO-0207-000-000										1x	
IC	61.162.23		CO.207.00												

ACCESSORIES



Metal flange, hinged
TE: E0-0222-002-000
IC: E0.222.00



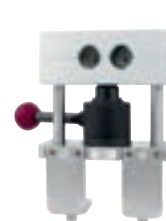
Plastic protection cap
TE: 8B-0070-000-000
IC: 8B.070.00



Plastic protection cap
TE: 8B-0071-000-000
IC: 8B.071.00



Assembly tool for coupling nut
TE: C8-0004-000-000
IC: C8.004.00



Fixture
TE: VB-0005-000-000
IC: VB.005.00



Adjusting lever
TE: C6-0019-000-000
IC: C6.019.00

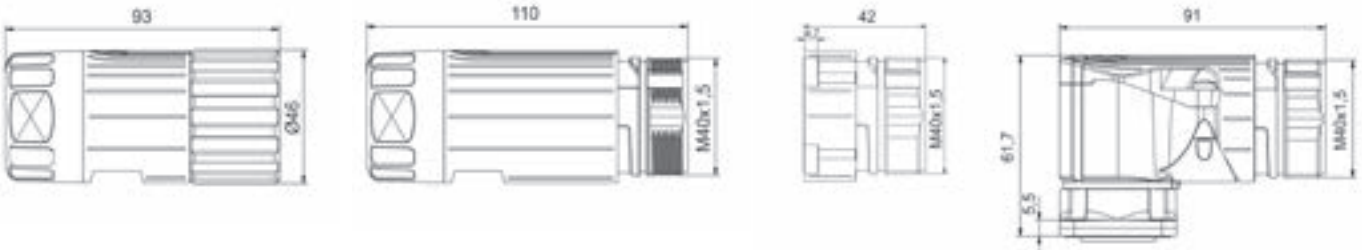
ASSEMBLY TOOLS

Pin Number			Screw plug	SpeedTec Plug	SpeedTec Extension	SpeedTec Receptacle	SpeedTec Receptacle angled, rotatable
	M	TE			CKA267N00xx0026000	CEA270N00000030000	CGE270N00000020000
		IC			CKUA267NN00xx0026000	CEGA270NN00000030000	CEDE270NN00000020000
	F	TE	CSA263N00xx0001000	CSA263N00xx0020000			
		IC	CSTA263NN00xx0001000	CSTA263NN00xx0020000			
	M	TE			CKA268N00xx0026000	CEA271N00000030000	CGE271N00000020000
		IC			CKUA268NN00xx0026000	CEGA271NN00000030000	CEDE271NN00000020000
	F	TE	CSA264N00xx0001000	CSA264N00xx0020000			
		IC	CSTA264NN00xx0001000	CSTA264NN00xx0020000			
	M	TE			CKA269N00xx0026000	CEA272N00000030000	CGE272N00000020000
		IC			CKUA269NN00xx0026000	CEGA272NN00000030000	CEDE272NN00000020000
	F	TE	CSA265N00xx0001000	CSA265N00xx0020000			
		IC	CSTA265NN00xx0001000	CSTA265NN00xx0020000			
TECHNICAL DATA			Housing:.....zinc diecast and brass, nickel-plated Insulation insert:PA, UL 94-V0 Contacts:brass gold plated Sealing:.....FPM Clamp ring:brass, nickel-plated Current:75 A / 30 A Voltage:630 V / 250 V AC/DC Protection type :IP 66/67 connected Mating Cycles:500 Temperature range:-20 °C to 130 °C Shielding:.....EMC 360° shielded housing				

Note: M = Male, F = Female

xx = 03: cable dia. 7.0 - 9.0 mm, 44: cable dia. 9.0 - 16.0 mm, 45: cable dia. 16.5 - 25.0 mm

MAIN DIMENSIONS, HOUSING VARIANTS



940

CONTACT PN	CRIMPING RANGE MM ²	CONTACT FEATURE/ CONTACT DIAMETER MM	CRIMP TOOL PN	LOCATOR	INSULATION INSERT								
					263 6-F	264 8-F	265 9-F	267 6-M	268 8-M	269 9-M	270 6-M	271 8-M	272 9-M
TE 60-0254-011-000	0.35 - 2.5	tension spring / 2	CO-0201-000-000	CO-0004-000-000	2x	4x	5x						
IC 60.254.11			CO-0201-000-000	CO.004.00									
TE 60-0302-011-000	2.5 - 4	tension spring / 2	CO-0201-000-000	CO-0004-000-000	2x	4x	5x						
IC 60.302.11			CO-0201-000-000	CO.004.00									
TE 60-0225-011-000	1.5 - 10.0	tension spring 3.6	CO-0008-000-000	CO-0010-000-000	4x	4x	4x						
IC 60.225.11			CO.008.00	CO.010.00									
TE 60-0227-011-000	6.0 - 16.0	tension spring 3.6	CO-0008-000-000	CO-0010-000-000	4x	4x	4x						
IC 60.227.11			CO.008.00	CO.010.00									
TE 61-0098-011-000	0.1 - 0.5	pin extension / 2	CO-0201-000-000	CO-0009-000-000				2x	4x	5x			
IC 61.098.11			CO.201.00	CO.009.00									
TE 61-0107-011-000	0.35 - 2.5	pin extension / 2	CO-0201-000-000	CO-0009-000-000				2x	4x	5x			
IC 61.107.11			CO.201.00	CO.009.00									
TE 61-0039-011-000	1.5 - 10.0	pin extension / 3.6	CO-0008-000-000	CO-0010-000-000				4x	4x	4x			
IC 61.039.11			CO.008.00	CO.010.00									
TE 61-0040-011-000	6.0 - 16.0	pin extension / 3.6	CO-0008-000-000	CO-0010-000-000				4x	4x	4x			
IC 61.040.11			CO.008.00	CO.010.00									
TE 61-0198-011-000	0.1 - 0.5	pin recept. / 2	CO-0201-000-000	CO-0009-000-000							2x	4x	5x
IC 61.198.11			CO.201.00	CO.009.00									
TE 61-0197-011-000	0.35 - 2.5	pin recept. / 2	CO-0201-000-000	CO-0009-000-000							2x	4x	5x
IC 61.197.11			CO.201.00	CO.009.00									
TE 61-0196-011-000	1.5 - 4.0	pin recept. / 3.6	CO-0008-000-000	CO-0247-000-000							4x	4x	4x
IC 61.196.11			CO.008.00	CO.247.00									
TE 61-0195-011-000	6.0 - 10.0	pin recept. / 3.6	CO-0008-000-000	CO-0247-000-000							4x	4x	4x
IC 61.195.11			CO.008.00	CO.247.00									
TE 61-0312-011-000	3.3 - 6.0	pin recept. / 3.6	CO-0008-000-000	CO-0247-000-000							4x	4x	4x
IC 61.312.11			CO.008.00	CO.247.00									

ACCESSORIES



Plastic protection cap
TE: 8A-0004-000-000
IC: 8A.004.00



Metal flange, hinged
TE: E0-0058-002-000
IC: E0.058.02



Metal protection cap
TE: 8B-0018-001-000
IC: 8B.018.01



Metal protection cap
TE: 8B-0022-001-000
IC: 8B.022.01

Power crimping machine



ASSEMBLY TOOLS



Fitting tool
TE: C5-0018-000-000
IC: C5.018.00



Fixture
TE: VC-0004-000-000
IC: VC.004.00

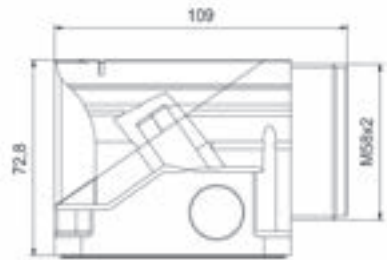
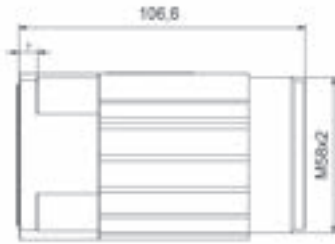
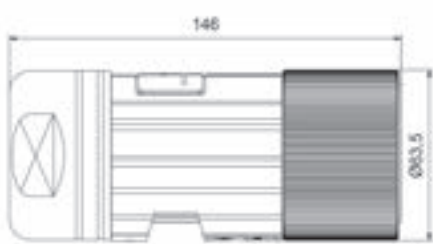


Digital battery crimp tool
TE: C0-0313-000-000
IC: C0.313.00

Pin Number		Screw plug		Extension		Receptacle		Receptacle, angled	
	M	TE		DKA002N00740001000		DEA003N00000001000		DFC611T03000001000	
		IC		DKUA002NN00740001000		DEGA003NN00000001000		DEWC611MT03000001000	
	F	TE	DSA001N00740001000						
		IC	DSTA001NN00740001000						
TECHNICAL DATA		Housing:..... zinc diecast and brass, nickel-plated				Current:..... 150 A / 12 A			
		Insulation insert:..... PA / PBT, UL 94-V0				Voltage:..... 630 V / 250 V AC/DC			
		Contacts:..... brass silver / gold plated				Protection type:..... IP 66/67 connected			
		Sealing:..... FPM				Mating Cycles:..... 500			
		Clamp rage:..... 17.0 - 36.0 mm				Temperature range:..... -20 °C to 130 °C			
		Clamp ring:..... aluminium, nickel-plated				Shielding:..... EMC 360 ° shielded housing			

Note: M = Male, F = Female

MAIN DIMENSIONS, HOUSING VARIANTS



958

CONTACT PN		CRIMPING RANGE MM ²	CONTACT FEATURE/ CONTACT DIAMETER MM	CRIMP TOOL PN	LOCATOR / CRIMPING INSERT	INSULATION INSERT			
						001 8 - F	002 8 - M	003 8 - M	611MT03 8 - M
TE	60-0101-023-000	10	lamella/10	CO-0207-000-000	CO-0211-000-000	4x			
IC	60.101.23			CO.207.00	CO.211.00				
TE	60-0102-023-000	16	lamella/10	CO-0207-000-000	CO-0211-000-000	4x			
IC	60.102.23			CO.207.00	CO.211.00				
TE	60-0103-023-000	25	lamella/10	CO-0207-000-000	CO-0210-000-000	4x			
IC	60.103.23			CO.207.00	CO.210.00				
TE	60-0104-023-000	35	lamella/10	CO-0207-000-000	CO-0209-000-000	4x			
IC	60.104.23			CO.207.00	CO.209.00				
TE	60-0105-023-000	50	lamella/10	CO-0207-000-000	CO-0208-000-000	4x			
IC	60.105.23			CO.207.00	CO.208.00				
TE	60-0106-011-000	0.35 - 1.5	slotted socket/1.6	CO-0201-000-000	CO-0092-000-000	4x			
IC	60.106.11			CO.201.00	CO.092.00				
TE	61-0112-023-000	10	contact pin/10	CO-0207-000-000	CO-0211-000-000		4x	4x	
IC	61.112.23			CO.207.00	CO.211.00				
TE	61-0113-023-000	16	contact pin/10	CO-0207-000-000	CO-0211-000-000		4x	4x	
IC	61.113.23			CO.207.00	CO.211.00				
TE	61-0114-023-000	25	contact pin/10	CO-0207-000-000	CO-0210-000-000		4x	4x	
IC	61.114.23			CO.207.00	CO.210.00				
TE	61-0115-023-000	35	contact pin/10	CO-0207-000-000	CO-0209-000-000		4x	4x	
IC	61.115.23			CO.207.00	CO.209.00				
TE	61-0116-023-000	50	contact pin/10	CO-0207-000-000	CO-0208-000-000		4x	4x	
IC	61.116.23			CO.207.00	CO.208.00				
TE	61-0117-011-000	0.35 - 1.5	contact pin/1.6	CO-0201-000-000	CO-0093-000-000		4x	4x	
IC	61.117.11			CO.201.00	CO.093.00				
TE	61-0142-011-000	0.1 - 0.5	contact pin/1.6	CO-0201-000-000	CO-0094-000-000				4x
IC	61.142.11			CO.201.00	CO.094.00				

ACCESSORIES



Plastic protection cap
TE: 8A-0011-000-000
IC: 8A.011.00



Metal flange, hinged
TE: E0-0189-002-000
IC: E0.189.02

ASSEMBLY TOOLS



Fixture
TE: VD-0006-000-000
IC: VD.006.00



Removing tool for contact pins
TE: C4-0005-000-000
IC: C4.005.00



Sleeve for removing tool
TE: C4-0008-000-000
IC: C4.008.00

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Pin Number		ytec and itec Self-locking system		itec Extension	itec Receptacle	itec Receptacle angled, rotatable	ytec Receptacle double, rotatable
12	M	TE	ESB001N00xx0001000	EKB001N00xx0001000	EEA001N0000yyyy000	EGA001N00000600000	EGA101N0000yyyy000
		IC	ESTB001NN00xx0001000	EKUB001NN00xx0001000	EEGA001NN0000yyyy000	EEDA001NN00000600000	EEDA101NN0000yyyy000
	F	TE	ESB002N00xx0001000	EKB002N00xx0001000	EEA002N0000yyyy000	EGA002N00000600000	EGA105N0000yyyy000
		IC	ESTB002NN00xx0001000	EKB002N00xx0001000	EEGA001NN0000yyyy000	EEDA002NN00000600000	EEDA105NN0000yyyy000
		TECHNICAL DATA					
		Housing:..... zinc diecast, nickel-plated, plastic coated Insulation insert: PA/ PBT, UL 94-V0 Sealing:..... FPM Clamp ring: brass, nickel-plated Current: 5 A				Voltage:..... 63 V AC/DC Protection type:..... IP 66/67 connected Mating Cycles:..... 500 Temperature range:..... -20 °C to 130 °C Shielding:..... EMC 360 ° shielded housing	

Note: M = Male, F = Female

xx = 31: cable dia. 4.5 - 6.5 mm, 32: cable dia. 6.5 - 8.5 mm,
 xx = 33: cable dia. 8.5 - 10.5 mm, 34: cable dia. 10.5 - 12.0 mm

yyyy receptacle = 0001: flange size 21.6 x 21.6 mm, 0002: flange size 25.7 x 25.7 mm
 yyyy double receptacle = 0001: flange size 25.8 x 25.8 mm, 0002: flange size 28.0 x 28.0 mm

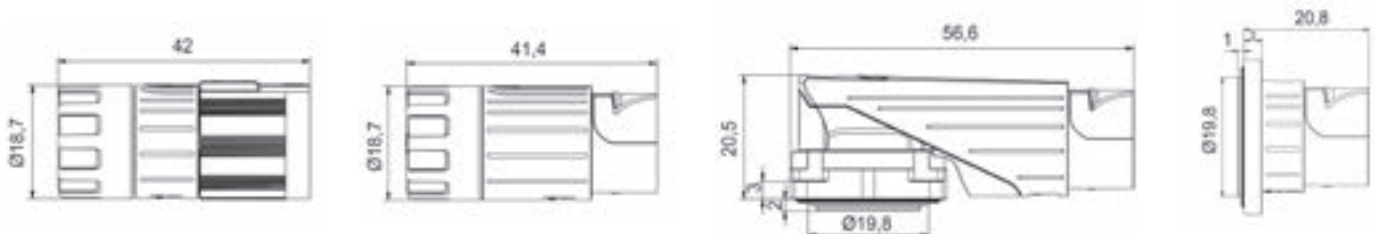
CONTACT PN		CRIMPING RANGE MM²	CONTACT FEATURE/ CONTACT DIAMETER MM	CRIMP TOOL PN	INSULATION INSERT			
						001 12 - M	002 12 - F	101 12 + 9 - M
								105 12 + 9 - F
TE	60-0251-011-000	0.5 - 1.5	Slotted power /1	CO-0235-000-000				4x
IC	60.251.11			CO.235.00				
TE	60-0252-011-000	0.05 - 0.75	Female Signal /1	CO-0235-000-000			12x	17x
IC	60.252.11			CO.235.00				
TE	60-0265-011-000	0.05 - 0.75	Slotted power /1	CO-0235-000-000				4x
IC	60.265.11			CO.235.00				
TE	61-0231-011-000	0.5 - 1.5	Pin power /1	CO-0235-000-000				4x
IC	61.231.11			CO.235.00				
TE	61-0232-011-000	0.05 - 0.75	Pin Signal /1	CO-0235-000-000		12x		17x
IC	61.232.11			CO.235.00				
TE	61-0139-011-000	0.05 - 0.75	Pin power /1	CO-0235-000-000				4x
IC	61.139.11			CO.235.00				

ACCESSORIES



Plastic protection cap
 TE: 8A-0033-000-000
 IC: 8A.033.00

MAIN DIMENSIONS, HOUSING VARIANTS



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617

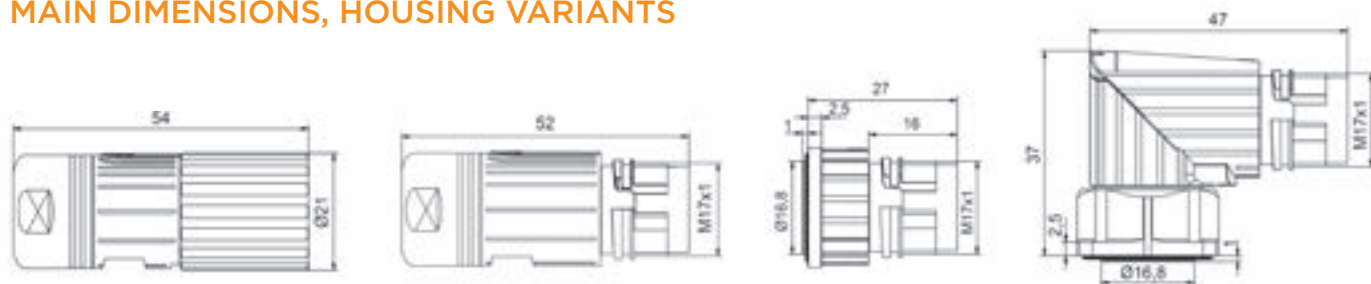
    							
Pin Number		Screw plug		SpeedTec Plug	SpeedTec Extension	SpeedTec Receptacle	SpeedTec Receptacle angled, rotatable
12	M	TE			AKA047N00xx051A000	AKA047N0000050A000	AGC047N00000yyy000
		IC			AKUA047NN00xx051A000	AKUA047NN0000050A000	AGDC047NN00000yyy000
	F	TE		ASA046N00xx050A000			
		IC		ASTA046NN00xx050A000			
17	M	TE	ASA874N00xx200A000	ASA874N00xx050A000	AKA874N00xx051A000	AEA874N0000050A000	AGC874N00000yyy000
		IC	ASTA874NN00xx200A000	ASTA874NN00xx050A000	AKUA874NN00xx051A000	AEGA874NN0000050A000	AEDC874NN00000yyy000
	F	TE	ASA876N00xx200A000	ASA876N00xx050A000	AKA876N00xx051A000	AEA876N0000050A000	AGC876N00000yyy000
		IC	ASTA876NN00xx200A000	ASTA876NN00xx050A000	AKUA876NN00xx051A000	AEGA876NN0000050A000	AEDC876NN00000yyy000
 							
		TECHNICAL DATA					
		Housing:..... zinc diecast and brass, nickel-plated Insulation insert: PA / PBT, UL 94-V0 Contacts: brass gold plated Sealing:..... FPM Clamp ring: brass, nickel-plated Current: 7 A (12), 3.6 A (17)				Voltage:..... 32 V AC/DC (12), 63 V AC/DC (17) Protection type:..... IP 66/67 connected Mating Cycles: 500 Temperature range:.. -20 °C to 130 °C Shielding:..... EMC 360 ° shielded housing	

Note: M = Male, F = Female

xx = 87: Crown clamp cable dia. 3.5 - 6.0 mm, 85: Crown clamp cable dia. 6.5 - 9.5 mm, 86: Crown clamp cable dia. 9.5 - 12.0 mm
 yyyy receptacle angled = 050A: flange size 21.6 x 21.6 mm, 051A: flange size 25.7 x 25.7mm, 052A: flange size 28.0 x 28.0 mm

CONTACT PN		CRIMPING RANGE MM²	CONTACT FEATURE/ CONTACT DIAMETER MM	CRIMP TOOL PN	INSULATION INSERT			
					876 17 - F	874 17 - M	046 12 - F/M	047 17 - F
TE	60-0001-011-000	0.06 - 1.0	wire spring/1	CO-0235-000-000			12x	12x
IC	60.001.11			CO.235.00				
TE	60-0011-011-000	0.06 - 1.0	slotted/1	CO-0235-000-000			12x	12x
IC	60.011.11			CO.235.00				
TE	60-0172-011-000	0.03 - 0.34	slotted/1	CO-0235-000-000			12x	12x
IC	60.172.11			CO.235.00				
TE	60-0205-011-000	0.05 - 0.5	slotted/0.6	CO-0235-000-000	17x			
IC	60.205.11			CO.235.00				
TE	61-0004-011-000	0.06 - 1.0	slotted/1	CO-0235-000-000			12x	12x
IC	61.004.11			CO.235.00				
TE	61-0083-011-000	0.03 - 0.34	slotted/1	CO-0235-000-000			12x	12x
IC	61.083.11			CO.235.00				
TE	61-0178-011-000	0.05 - 0.5	pin/0.6	CO-0235-000-000		17x		
IC	61.178.11			CO.235.00				

MAIN DIMENSIONS, HOUSING VARIANTS



ACCESSORIES



Plastic protection cap
TE: 8A-0029-000-000
IC: 8A.029.00



Metal flange, hinged
TE: E0-0194-002-000
IC: E0.194.02



Metal protection cap
TE: 8B-0048-0001-000
IC: 8B.048.01



Metal protection cap
TE: 8B-0067-001-000
IC: 8B.067.01

ASSEMBLY TOOLS



Fixture
TE: WA-0100-092-000
IC: WA10092



Fitting tool for insulator
TE: C6-0107-000-000
IC: C6.107.00



Removing tool for insulator
TE: C4-0022-000-000
IC: C4.022.00

AUTOMATION OPTIONS

- Contacts on reel and processing with strip-crimping machine on request
- Power crimping of turned contacts on request



Strip-crimping machine



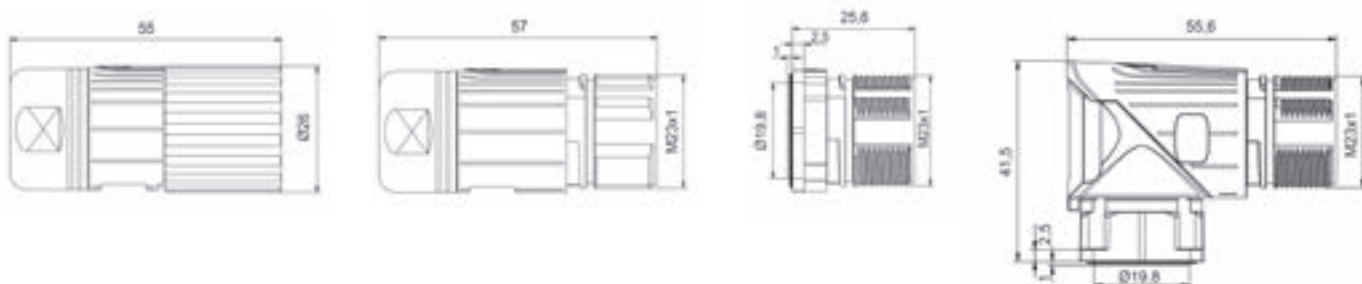
Power crimping machine

Note: M = Male, F = Female

xx = 39: cable dia. 4.5 - 8.5 mm, 41: cable dia. 6.0 - 10.0 mm, 40: cable dia. 9.5 - 13.2 mm, 73: cable dia. 9.0 - 14.7 mm

AEGA-type **yyyy = 0101** flange size 25.7 x 25.7 mm, **0100**: flange size 28.0 x 28.0 mm
AEGA-type **yyyy = 0115** flange size 25.7 x 25.7 mm, **1100**: flange size 28.0 x 28.0 mm

MAIN DIMENSIONS, HOUSING VARIANTS



623

CONTACT PN	CRIMPING RANGE MM ²	CONTACT FEATURE/ CONTACT DIAMETER MM	CRIMP TOOL PN	INSULATION INSERT							
				055 583	054 583	012 110	013 175	014 577	015 139	558 561	559 560
TE 60-0001-011-000	0.14 - 1.0	wire spring /1	C0-0235-000-000	9x	9x	12x	12x	17x	17x	16x	16x
IC 60.001.11			C0.235.00								
TE 60-0011.011-000	0.14 - 1.0	slotted /1	C0-0235-000-000	9x	9x	12x	12x	17x	17x	16x	16x
IC 60.011.11			C0.235.00								
TE 60-0013-011-000	-1.5	Slotted solder /1		9x	9x	12x	12x	17x	17x	16x	16x
IC 60.013.11											
TE 60-0070-011-000	0.14 - 1.0	Slotted /1,5	C0-0235-000-000							3x	3x
IC 60.070.11			C0-235-00								
TE 60-0173-011-000	-1.5	Slotted solder /1.5								3x	3x
IC 60.173.11											
TE 60-0004-011-000	0.14 - 1.0	Pin /1	C0-0235-000-000	9x	9x	12x	12x	17x	17x	16x	16x
IC 61.004.11			C0-235-00								
TE 61-0006-011-000	-1.5	Pin solder /1		9x	9x	12x	12x	17x	17x	16x	16x
IC 61.006.11											
TE 61-0072-011-000	0.14 - 1.0	Pin /1.5	C0-0235-000-000							3x	3x
IC 61.072.11			C0.235.00								
TE 61-0152-011-000	-1.5	Pin solder /1.5								3x	3x
IC 61.152.11											

ACCESSORIES



Metal flange, hinged
TE: E0-0223-002-000
IC: E0.223.02



Plastic flange, hinged
TE: E0-0117-000-000
IC: E0.117.00



Plastic protection cap
TE: 8B-0069-000-000
IC: 8B.069.00



Plastic protection cap
TE: 8B-0071-000-000
IC: 8B.071.00



Plastic protection cap
TE: 8A-0002-000-000
IC: 8A.002.00

ASSEMBLY TOOLS



Fitting tool for signal insulator
TE: C6-0111-000-000
IC: C6.111.00



Removing tool for signal insulator
TE: C4-0016-000-000
IC: C4.016.00



Fixture
TE: VA-0002-000-000
IC: VA.002.00

AUTOMATION OPTIONS

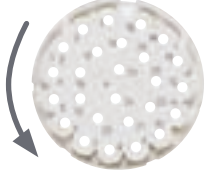
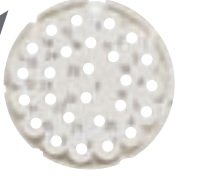
- Contacts on reel and processing with strip-crimping machine on request
- Power crimping of turned contacts on request



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Pin Number		Screw plug		Extension		Receptacle		Receptacle, angled	
	M	TE	ASA385N00xx001K000	AKA385N00xx035K000	AEA385N00000002K000	AFA385N00000001K000			
		IC	ASTA385NN00xx001K000	AKUA385NN00xx035K000	AEGA385NN00000002K000	AEWA385NN00000001K000			
	F	TE	ASA384N00xx001K000	AKA384N00xx035K000	AEA386N00000002K000	AFA386N00000001K000			
		IC	ASTA384NN00xx001K000	AKUA384NN00xx035K000	AEGA386NN00000002K000	AEWA386NN00000001K000			
TECHNICAL DATA		Housing:..... zinc diecast and brass, nickel-plated Insulation insert: PBT, UL 94-V0 Contacts:.....brass gold plated Sealing:.....FPM Clamp ring:brass, nickel-plated Current:.....9 A				Voltage:..... 60 V AC/DC Protection type:.....IP 66/67 connected Mating Cycles:..... 500 Temperature range: -20 °C to 130 °C Shielding:.....EMC 360 ° shielded housing			

Note: M = Male, F = Female xx = 43: cable dia. 4.2 - 6.6 mm, 48: cable dia. 7.5 - 12.0 mm, 42: cable dia. 9.5 - 14.5 mm, 59: cable dia. 14.0 - 17.0 mm

CONTACT PN		CRIMPING RANGE MM ²	CONTACT FEATURE/ CONTACT DIAMETER MM	CRIMP TOOL PN	384 MATING VIEW	385 MATING VIEW
TE	60-0001-011-000	0.06 - 1.0	wire spring/1	CO-0235-000-000		
IC	60.001.11			CO.235.00		
TE	60-0011-011-000	0.06 - 1.0	slotted/1	CO-0235-000-000		
IC	60.011.11			CO.235.00		
TE	60-0013-011-000	-1.5	slotted, solder/1			
IC	60.013.11					
TE	60-0172-011-000	0.03 - 0.34	slotted/1	CO-0235-000-000		
IC	60.172.11			CO.235.00		
TE	61-0004-011-000	0.06 - 1.0	pin/1	CO-0235-000-000		
IC	61.004.11			CO.235.00		
TE	61-0006-011-000	-1.5	solder bucket/1			
IC	61.006.11					
TE	61-0083-011-000	0.03 - 0.34	pin/1	CO-0235-000-000		
IC	61.083.11			CO.235.00		

MAIN DIMENSIONS, HOUSING VARIANTS



ACCESSORIES



Metal flange, hinged
TE: E0-0222-002-000
IC: E0.222.02

ASSEMBLY TOOLS



Fixture
TE: VB-0005-000-000
IC: VB.005.00



Mounting tool
contact 1 mm
TE: C5-0002-000-000
IC: C5.002.00

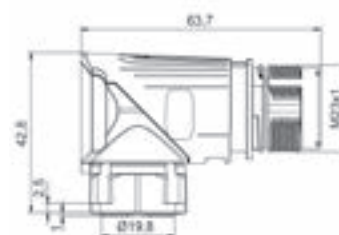


Removing tool
for insulator
TE: C4-0017-000-000
IC: C4.017.00

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MAIN DIMENSIONS, HOUSING VARIANTS



ACCESSORIES



red:
TE: A6-0022-F10-000
IC: A6.022.F10



723

		CRIMPING RANGE MM ²	CONTACT FEATURE/ CONTACT DIAMETER MM	INSULATION INSERT						
CONTACT PN				CRIMP TOOL PN	427, 422 7-M	425, 429 7-F	008, 011 11-M	002, 005 11-F	206, 208 10-M	202, 204 10-F
TE 60-0270-011-000	IC 60.270.11	0.35 - 2.5	slotted socket / 2	CO-0324-000-000		5x		5x		7x
				CO.324.00						
TE 60-0272.011-000	IC 60.272.11	2.5 - 4.0	slotted socket / 2	CO-0201-000-000		5x		5x		7x
				CO.201.00						
TE 60-0279-011-000	IC 60.279.11	0.06 - 1.0	slotted socket / 1	CO-0324-000-000		2x		6x		3x
				CO.324.00						
TE 61-0242.011-000	IC 61.242.11	0.35 - 2.5	contact pin / 2	CO-0324-000-000	5x		5x		7x	
				CO.324.00						
TE 61-0243-011-000	IC 61.243.11	2.5 - 4.0	contact pin / 2	CO-0201-000-000	5x		5x		7x	
				CO.201.00						
TE 61-0253-011-000	IC 61.253.11	0.06 - 1.0	contact pin / 1	CO-0324-000-000	2x		6x		3x	
				CO.324.00						

OPTION: Data inserts, separately EMI shielded

TYPE	USE IN INSULATION INSERT	ETHERNET ELEMENT PN	CONTACT PN	CONTACT FEATURE/ CONTACT DIAMETER MM	CRIMP TOOL PN
	427, 422	40-A722-000-000	61-0253-011-000	contact pin / 1	CO-0324-000-000
		40.A722.00	61.253.11		CO.324.00
	425, 429	40-A711-000-000	60-0279-011-000	slotted socket / 1	CO-0324-000-000
		40.A711.00	60.279.11		CO.324.00
	427, 422	40-A703-000-000	61-0252-011-000	contact pin / 0.6	CO-0324-000-000
		40.A703.00	61.252.11		CO.324.00
	425, 429	40-A702-000-000	60-0278-011-000	slotted socket / 0.6	CO-0324-000-000
		40.A702.00	60.278.11		CO.324.00
	008, 011	40-A486-000-000	61-0252-011-000	contact pin / 0.6	CO-0324-000-000
		40.A486.00	61.252.11		CO.324.00
	002, 005	40-A487-000-000	60-0278-011-000	slotted socket / 0.6	CO-0324-000-000
		40.A487.00	60.278.11		CO.324.00

ASSEMBLY TOOLS

TE: CO-0323-000-000
IC: CO.323.00

FOR DATA ELEMENT

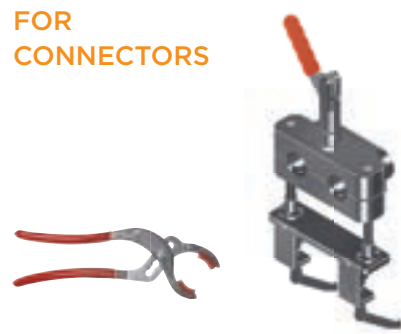


Assembly tool
TE: CO-0282-000-000
IC: CO.282.00

Crimping insert
TE: CO-0321-000-000
IC: CO.321.00

Positioner insert
TE: C6-0166-000-000
IC: C6.166.00

FOR CONNECTORS



Fitting tool
TE: C5-0018-000-000
IC: C5.018.00

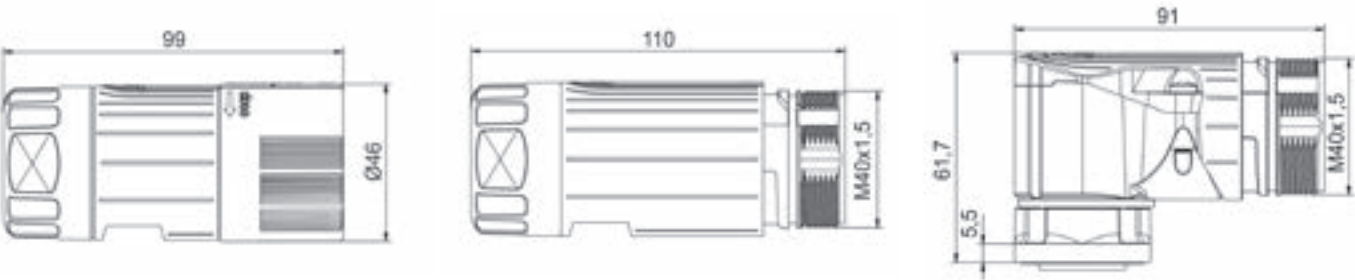
Fixture
TE: VC-0004-000-000
IC: VC.004.00

740

																								
Pin Number					htec SpeedTec Plug					htec Extension					htec Receptacle angled, rotatable									
					M		TE						HKA503N00xx0100000					HGE502N00000100000						
							IC						H82A503NN00xx0100000					H86E503NN00000100000						
					F		TE	HSA501N00xx0100000																
							IC	H81A501NN00xx0100000																
TECHNICAL DATA					Housing:.....zinc diecast and brass, nickel-plated										Voltage:.....Power: 630 VAC / 850 VDC									
					Insulation insert:PA, UL 94-V0										Signal: 150 VAC / VDC									
					Contacts:brass gold plated										Protection type :IP 66/67 connected									
					Sealing:FPM										Mating Cycles:500									
					Clamp ring:brass, nickel-plated										Temperature range:.....-20 °C to 130 °C									
					Current:Power: 70 A, Signal: 7 A										Shielding:.....EMC 360 ° shielded housing									

Note: M = Male, F = Female
xx = 03: cable dia. 7.0 - 9.0 mm, 44: cable dia. 9.0 - 16.0 mm, 45: cable dia. 16.5 - 25.0 mm

MAIN DIMENSIONS, HOUSING VARIANTS



ASSEMBLY TOOLS

TE: C0-0323-000-000
IC: C0.323.00

FOR DATA ELEMENT

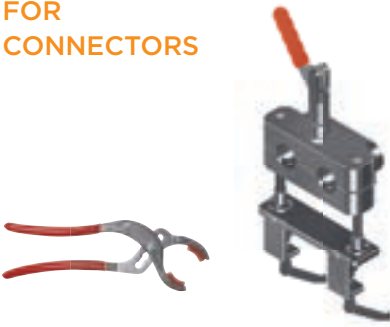


Assembly tool
TE: C0-0282-000-000
IC: C0.282.00

Crimping insert
TE: C0-0321-000-000
IC: C0.321.00

Positioner insert
TE: C6-0166-000-000
IC: C6.166.00

FOR CONNECTORS



Fitting tool
TE: C5-0018-000-000
IC: C5.018.00

Fixture
TE: VC-0004-000-000
IC: VC.004.00

740

						INSULATION INSERT		
CONTACT PN		CRIMPING RANGE MM ²	CONTACT FEATURE/ CONTACT DIAMETER MM	CRIMP TOOL PN	LOCATOR	501 9-F	503 9-M	502 9-M
TE 60-0225-011-000	IC 60.225.11	1.5 - 10.0	tension spring / 3.6	C0-0008-000-000	C0-0010-000-000	5x		
				C0.008.00	C0.010.00			
TE 60-0227-011-000	IC 60.227.11	6.0 - 16.0	tension spring / 3.6	C0-0008-000-000	C0-0010-000-000	5x		
				C0.008.00	C0.010.00			
TE 60-0279-011-000	IC 60.279.11	0.06 - 1.0	slotted socket / 1	C0-0324-000-000		4x		
				C0.324.00				
TE 60-0216-000-000	IC 60.216.11	0.5 - 1.5	slotted socket / 1	C0-0324-000-000		4x		
				C0.324.00				
TE 61-0039-011-000	IC 61.039.11	1.5 - 10.0	pin extension / 3.6	C0-0008-000-000	C0-0010-000-000		5x	
				C0.008.00	C0.010.00			
TE 61-0040-011-000	IC 61.040.11	6.0 - 16.0	pin extension / 3.6	C0-0008-000-000	C0-0010-000-000		5x	
				C0.008.00	C0.010.00			
TE 61-0196-011-000	IC 61.196.11	1.5 - 4.0	pin recept. / 3.6	C0-0008-000-000	C0-0247-000-000			5x
				C0.008.00	C0.247.00			
TE 61-0195-011-000	IC 61.195.11	6.0 - 10.0	pin recept. / 3.6	C0-0008-000-000	C0-0247-000-000			5x
				C0.008.00	C0.247.00			
TE 61-0312-011-000	IC 61.312.11	3.3 - 6.0	pin recept. / 3.6	C0-0008-000-000	C0-0247-000-000			5x
				C0.008.00	C0.247.00			
TE 61-0253-011-000	IC 61.253.11	0.06 - 1.0	pin / 1	C0-0324-000-000			4x	4x
				C0.324.00				
TE 61-0221-011-000	IC 61.221.11	0.5 - 1.5	pin / 1	C0-0324-000-000			4x	4x
				C0.324.00				

OPTION: Data inserts, separately EMI shielded

TYPE	USE IN INSULATION INSERT	ETHERNET ELEMENT PN	CONTACT PN	CONTACT FEATURE/ CONTACT DIAMETER MM	CRIMP TOOL PN
	503, 502	40-A722-000-000	61-0253-011-000	contact pin / 1	C0-0324-000-000
		40.A722.00	61.253.11		C0.324.00
	501	40-A711-000-000	60-0279-011-000	slotted socket / 1	C0-0324-000-000
		40.A711.00	60.279.11		C0.324.00
	503, 502	40-A703-000-000	61-0252-011-000	contact pin / 0.6	C0-0324-000-000
		40.A703.00	61.252.11		C0.324.00
	501	40-A702-000-000	60-0278-011-000	slotted socket / 0.6	C0-0324-000-000
		40.A702.00	60.278.11		C0.324.00

ACCESSORIES



Plastic protection cap
TE: 8A-0004-000-000
IC: 8A.004.00

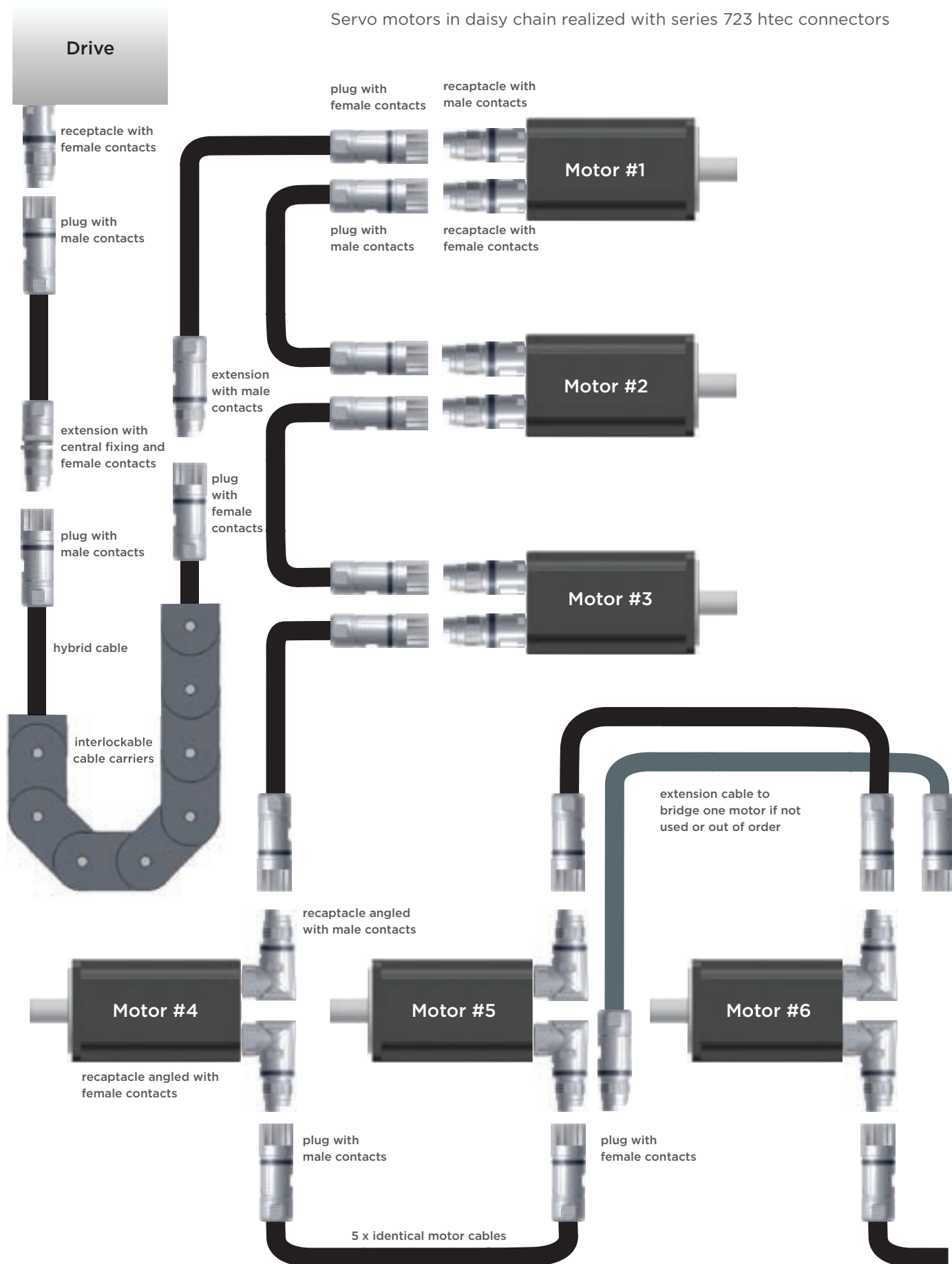


Metal flange, hinged
TE: E0-0058-002-000
IC: E0.058.02



Metal protection cap
TE: 8B-0022-001-000
IC: 8B.022.01

Servo motors in daisy chain realized with series 723 htec connectors



ytec and itec Self-locking System:

Automatic ytec and itec fastener for easy and safe connections

- High-quality industrial connector with metal housing
- Flat - narrow - short
- Miniaturized size in all three dimensions ensures that the system is compatible even with very small motors
- 360° EMC shielding
- UL/CSA approval
- Vibration protection up to 25 g
- Rotatable by 300°
- Protection rating IP 66 and IP 67



The ytec system requires only one mounting hole and is available in two different flange sizes 25 and 28. The ytec system connector can be mounted in 4 different angles (0°, 90°, 180° und 270°). Additionally, after installation, the system is infinitely rotatable by 300°. Itec is available in all ytec pin layouts and is compatible with all mating ytec plugs. Ytec and the single version itec represents an ultra compact

complete system with an automatically locking quick-release fastener for easy and safe connections. The mechanically coded housing in conjunction with colour coding makes any confusion of signal and power plug impossible. Ytec and itec system connectors define a new connector dimension. Miniaturized size in all three dimensions ensures that the system is compatible even with the smallest of motors.

locktec Connector System:

Connector housing and plastic shell inseparably coupled after quick and easy locktec assembly

- Free assembly without overmold
- Opening the connector housing results in destruction
- Robust metal housing inside, fully EMC shielded
- IP class 66/67
- Individual labeling and coloring possible



M23 Hybrid htec connector:

Power, feedback and communication in one housing

- Hybrid cable assemblies
- Pre-wired receptacle connectors for servo motors and drive control components
- Pin or socket contacts
- Straight or angled receptacles
- IP 67, IP 68, IP 69K
- 360° EMC shielding
- CAT 5 Element separately shielded
- UL/CSA approval
- Vibration protection up to 25 g
- Continuously rotatable
- SpeedTec quick connection system
- Touchproof power contacts



SpeedTec connector:

Save cost with the SpeedTec quick locking system

- Connected within second-time saving
- Highest connection reliability
- 360° EMC shielding
- UL/CSA approval
- Vibration protection up to 25 g
- IP 67, IP 68, IP 69K
- Backwards compatible to threaded connectors



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products

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1-1773910-3 10/2017 Original: WR

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