



IC AUTOMATION

CONNECTEURS CIRCULAIRES MOTION & DRIVE



intercontec
products



Connecteurs circulaires INTERCONTEC:

Partenaire de leaders européens fabricants de connecteurs, **IC-Automation** vous offre une solution avantageuse pour l'achat de vos connecteurs **Motion & Drive**.

► Stock France – Service 24/48h – Expertise technique



inter^ontec
products





IC AUTOMATION

« Une infinité d' *i*nter - *C*onnexions ! »

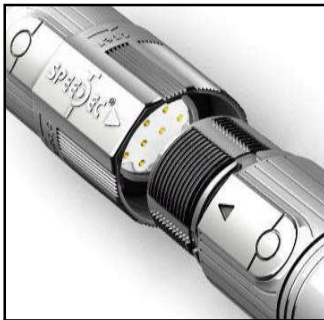
CONNECTEURS CIRCULAIRES MOTION & DRIVE

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OVERVIEW



TECHNOLOGIES



SpeedTec

*Verrouillage rapide
1/8' de tour*



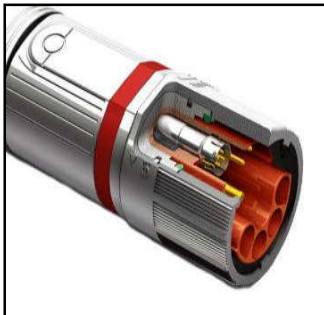
LockTec

*La sécurité sans
surmoulage*



SpringTec

*Push-Pull rapide et sans
effort*



HTec

Connecteurs Hybrides



SingleTec

*Connecteurs pour mono-
conducteurs*



YTec

*Embases signal et
puissance monobloc*



CATÉGORIES

A BAGUE



EMBASES



PROLONGATEURS



CONNECTEURS PUISSANCE



Série 912
M12



Série 915
M15



Série 917
M17



Série 923
M23



Série 940
M40



Série 958
M58

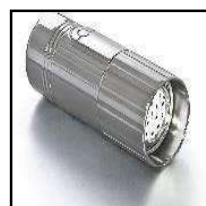
CONNECTEURS SIGNAL



Série 615
M15



Série 617
M17



Série 623
M23



Série 627
M27

CONNECTEURS HYBRIDES



Série 723
M23



Série 740
M40

M12 - SERIE 912

PUISSANCE



FORMES



S T A



K U A



E D A

INSERTS

8 (3+PE+4)



Mâle

Femelle

4

4

1

4

4

0

10 (3+PE+6)



Mâle

Femelle

4

6

1

4

6

0

DIAMETRE CÂBLE

8,0 – 8,9mm

0

8

8,7 – 9,9mm

0

9

Embases:

0

0

VARIANTES DESIGN



1

0

0

B



EMBASE 21,6 x 21,6

1

0

0

B



EMBASE 25,7 x 25,7

1

0

1

B

CONTACTS

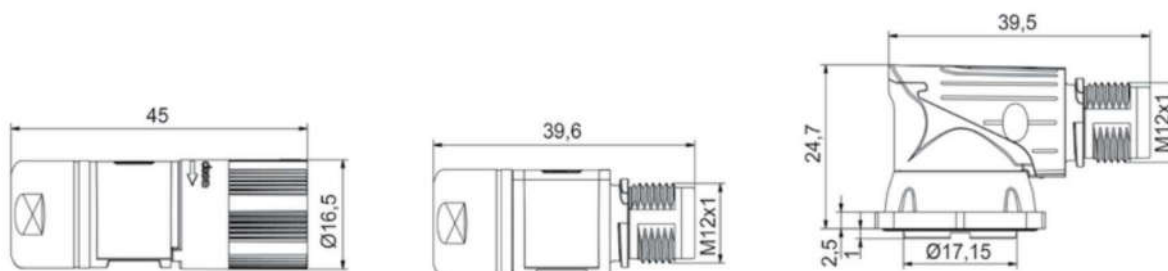


Position	Section Fils (mm ²)	Mâle	Femelle
3+PE	0.2 - 0.6	61.233.00	60.438.00
	0.4 - 0.8	61.379.00	60.457.00
Autres	0.03 - 0.34	61.252.11	60.278.11

CARACTERISTIQUES

- 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 pin),
8 A (3+PE)/1A (6x) (10 pin)
- Voltage:..... 630 V / 48 V (8 pin),
300 V / 32 V (4x),
50 V (2x) (10pin)
- Protection type:..... IP 66/67 connected
- Mating Cycles:..... 500
- Temperature range:..... -20 °C to 130 °C
- Shielding:..... EMC 360° shielded housing

DIMENSIONS

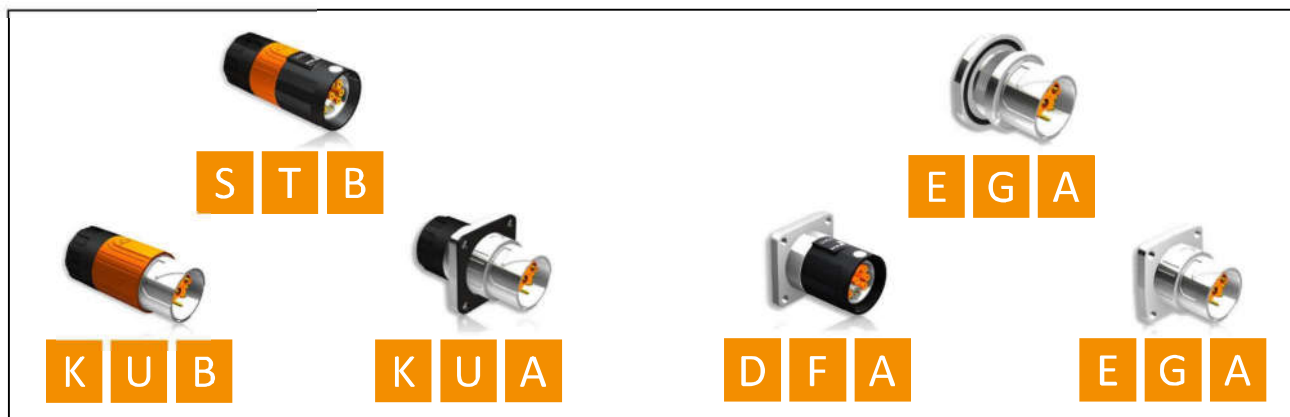


M15 - SERIE 915

PUISSANCE



FORMES



INSERTS

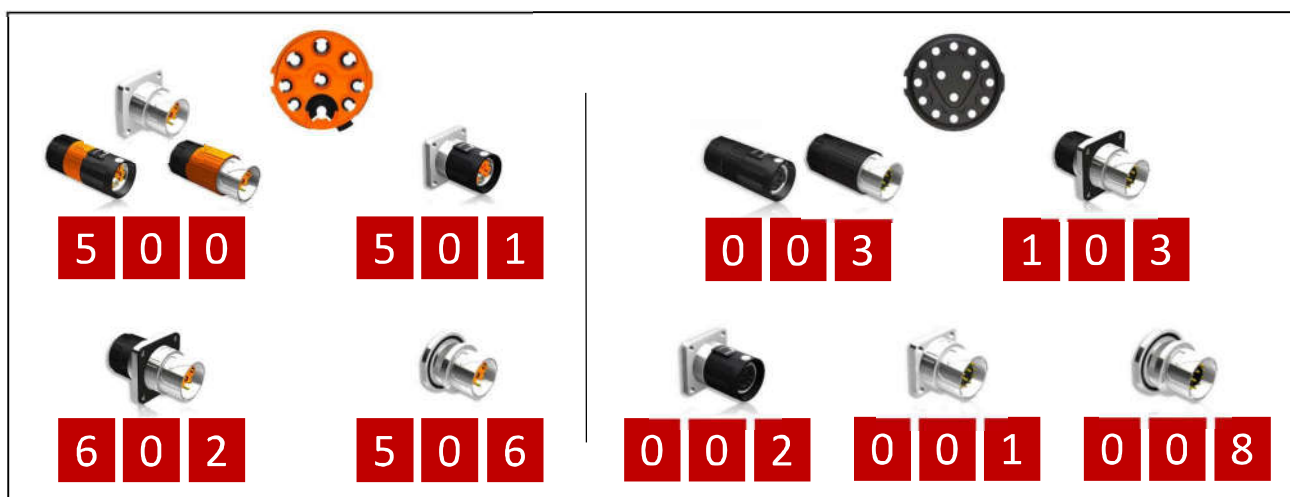


DIAMETRE CÂBLE

4,5 – 6,5mm	3	1	8,5 – 10,5mm	3	3
6,5 – 8,5mm	3	2	10,5 – 12,5mm	3	4

Embases: 00

VARIANTES DESIGN



CONTACTS

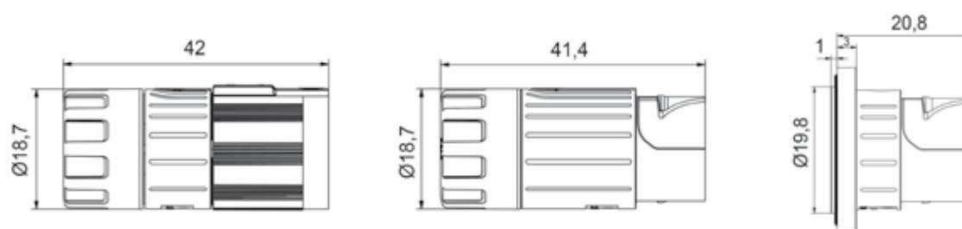
Type	Section Fils (mm ²)	Mâle	Femelle
Signal	0,05 – 0,75mm ²	61.232.11	60.252.11
Puissance	0,5 – 1,5mm ²	61.231.11	60.251.11



CARACTERISTIQUES

- Housing:.....zinc diecast, nickel-plated, plastic coated
- Insulation insert:PA / PBT, UL 94-V0
- Sealing:.....FPM
- Clamp ring:brass, nickel-plated
- Current:14 A(3+PE) / 3,6 A (5x) (9 pin),
5 A(12x/14 A (3x) (12+3 pin)
- Voltage:.....630 V / 63 V (9 pin), 63 V (12+3 pin)
- Protection type:.....IP 66/67 connected
- Mating Cycles:500
- Temperature range:-20 °C to 130 °C
- Shielding:.....EMC 360 ° shielded housing

DIMENSIONS PRINCIPALES

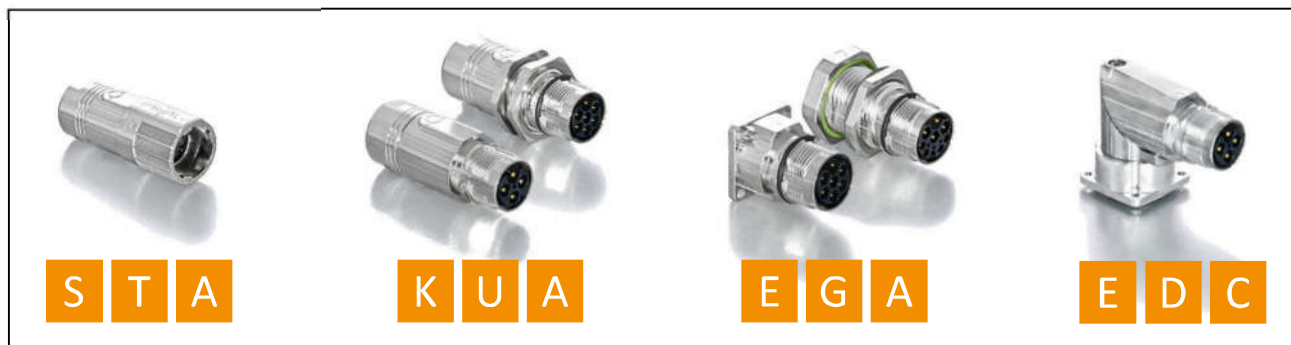


AUTRES VERSIONS*





FORMES



INSERTS

4 Points	7 Points	9 Points	1 Point
Mâle	Mâle (Horaire)	Mâle (Horaire)	Mâle
8 9 4	8 6 3	9 0 6	0 0 1
Femelle	Femelle (Anti-Horaire)	Femelle (Anti-Horaire)	Femelle
8 9 6	8 6 1	9 0 8	0 0 1

Ø CÂBLE

3,5 – 6mm

8 7

6 – 9,5mm

8 5

9,5 – 12mm

8 6

Embases: 00

VARIANTES DESIGN

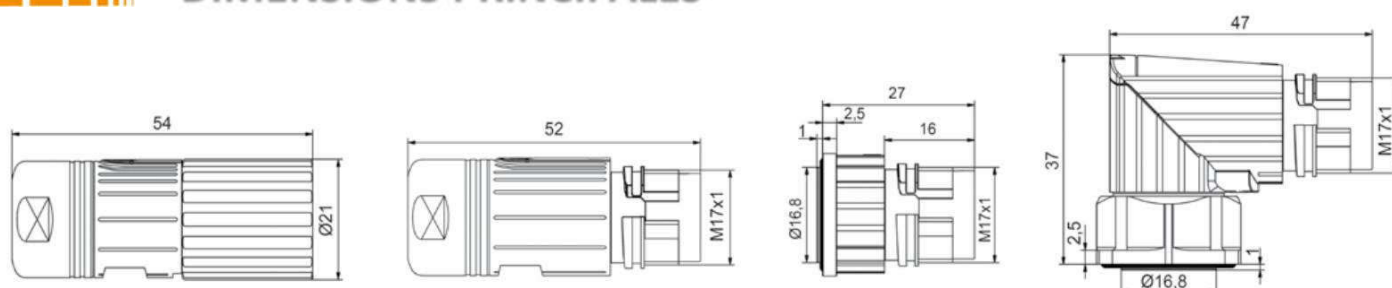
						
4Pts 	2 0 2	0 5 6	1 5 6	0 5 6	0 5 1	0 5 3
7Pts 	2 0 1	0 5 5	1 5 5	0 5 5	0 5 0	0 5 1
9Pts 	2 0 1	0 5 5	1 5 5	0 5 5	0 5 0	0 5 1
1Pt 		0 5 0	0 5 0	0 5 0	0 6 0	

CONTACTS

Insert	Type	Section Fils (mm ²)	Mâle / Femelle	Contacts
9 Pts	Signal	0,14 – 0,5mm ²	M	61.178.11
			F	60.205.11
	Puissance	0,5 – 1,5mm ²	M	61.141.11
			F	60.159.11
7 Pts	Puissance	0,14 – 1mm ²	M	61.004.11
			F	60.011.11
4 Pts	Puissance	0,34 – 2,5mm ²	M	61.167.11
			F	60.197.11
1 Pt	Puissance	1,5 – 4mm ²	M	61.220.11
			F	60.240.11
	Puissance	6 – 10mm ²	M	61.215.11
			F	60.232.11


CARACTERISTIQUES

Voltage:	Power: 630 V
	Signal: 63 V (9 pin)
Protection type:	IP 66/67 connected
Mating Cycles:	500
Temperature range:	-20 °C to 130 °C
Shielding:	EMC 360 ° shielded housing
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:	10 A (7 pin), 14 A (7, 9 pin), 20 A (4 pin), 64 A (1 pin)

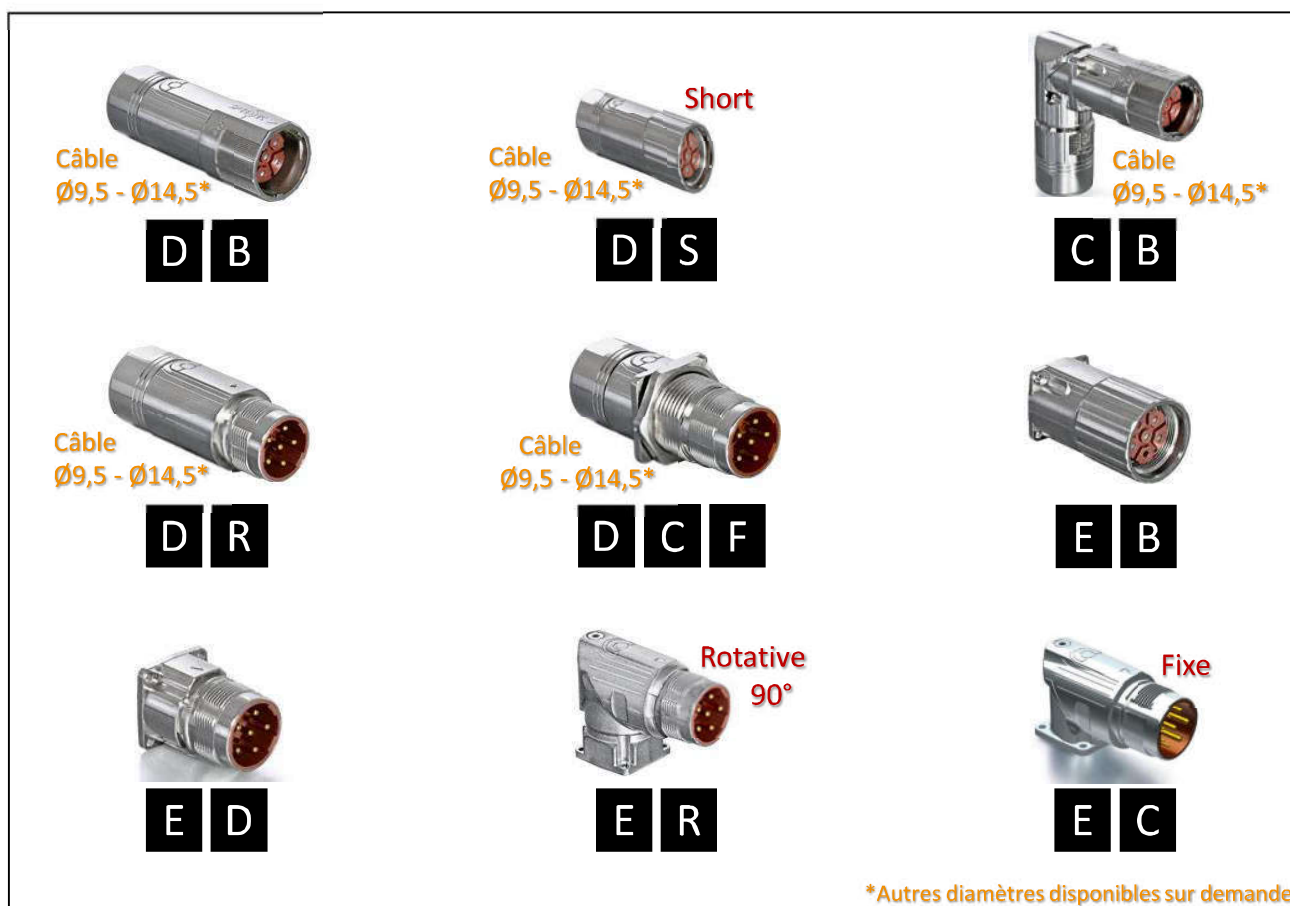
DIMENSIONS PRINCIPALES




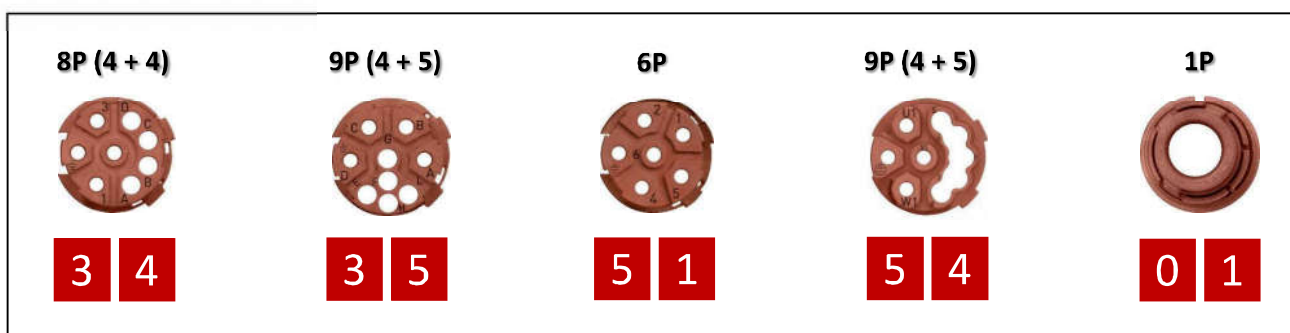
VERROUILLAGE



FORMES



INSERTS

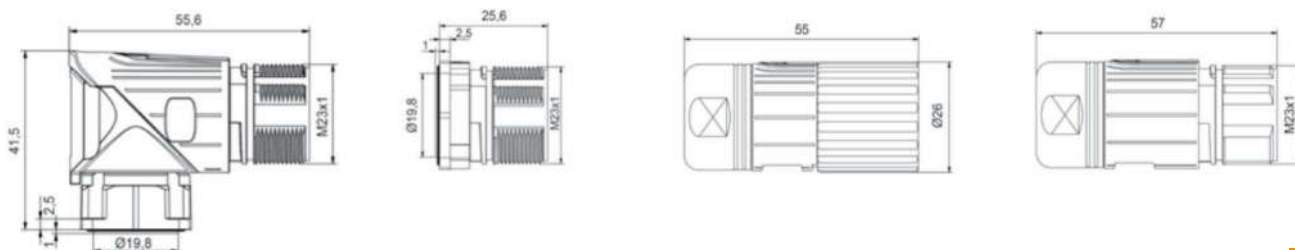


CONTACTS


Insert	Type	Section Fils (mm ²)	Mâle / Femelle	Contacts	
9P (4 + 5)   8P (4 + 4)  	Signal	0,14 – 1mm ²	M	P10M10C	
			F	H10F10C	
	Puissance	0,34 – 2,5mm ²	M	P15M25C	
			F	P15Y25C	
		2,5 – 4mm ²	M	P10M40C	
			F	P10Y40C	
6P  	Puissance	0,34 – 2,5mm ²	M	P15M25C	
			F	P15Y25C	
		2,5 – 4mm ²	M	P10M40C	
			F	P10Y40C	
	9P (4 + 5)  	Signal	0,14 – 1mm ²	M	P10M10C
				F	H10F10C
Puissance		0,34 – 2,5mm ²	M	P10M25C	
			F	P15Y25C	
		2,5 – 4mm ²	M	P10Y40C	
			F	P10Y40C	
1P  	Puissance	10mm ²	M	61.164.23	
			F	60.185.23	
		16mm ²	M	61.163.23	
			F	60.195.23	
		25mm ²	M	61.159.23	
			F	60.194.23	
		35mm ²	M	61.161.23	
			F	60.193.23	
		50mm ²	M	61.162.23	
			F	60.192.23	

CARACTERISTIQUES

- 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: 30 A (6, 8, 9 pin), 200 A (1 pin)
- Voltage: 630 V
- Protection type : IP 66/67 connected
- Mating Cycles: 500
- Temperature range: -20 °C to 130 °C
- Shielding: EMC 360 ° shielded housing

DIMENSIONS PRINCIPALES




VERROUILLAGE



A VISSER



FORMES



*Autres diamètres disponibles sur demande

INSERTS

6P (4 + 3)



4 2

8P (4 + 4)



4 4

9P (4 + 5)



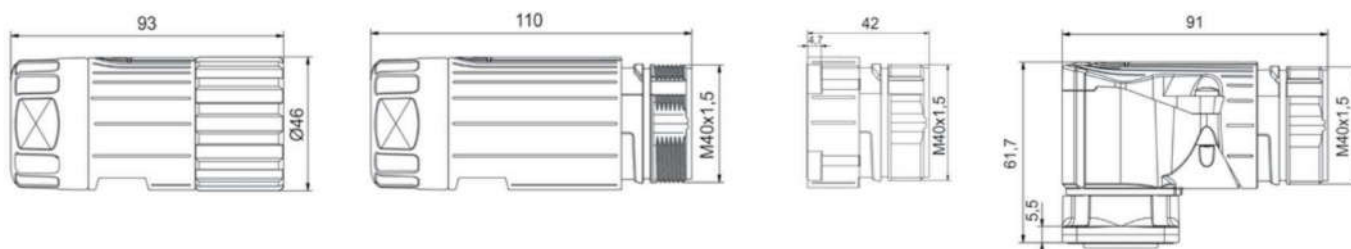
5 4

CONTACTS


Insert	Type	Section Fils (mm ²)	Mâle / Femelle	Contacts
	Signal	0,34 – 2,5mm ²	F	P15Y25C
	Puissance	1,5 – 10mm ²	F	P15Y40C
		6 – 16mm ²	F	P15Y16C
	Signal	0,34 – 2,5mm ²	M	61.107.11
	Puissance	1,5 – 10mm ²	M	P15M40C
		6 – 16mm ²	M	P15M16C
	Signal	0,34 – 2,5mm ²	M	P15P25C
	Puissance	1,5 – 4mm ²	M	P15P40C
		6 – 10mm ²	M	P15P10C
	Signal	0,34 – 2,5mm ²	M	P15P25C
	Puissance	1,5 – 4mm ²	M	P15M40C
		6 – 16mm ²	M	P15M16C

CARACTERISTIQUES

- 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:.....750 V / 250 V
- Protection type :.....IP 66/67 connected
- Mating Cycles:.....500
- Temperature range:.....-20 °C to 130 °C
- Shielding:.....EMC 360° shielded housing

DIMENSIONS PRINCIPALES


P 3 0 4 4

FORMES



Câble
Ø17 – Ø36*

D B



Câble
Ø17 – Ø36*

D R



E D



E R

*Autres diamètres disponibles sur demande

INSERTS

4 4



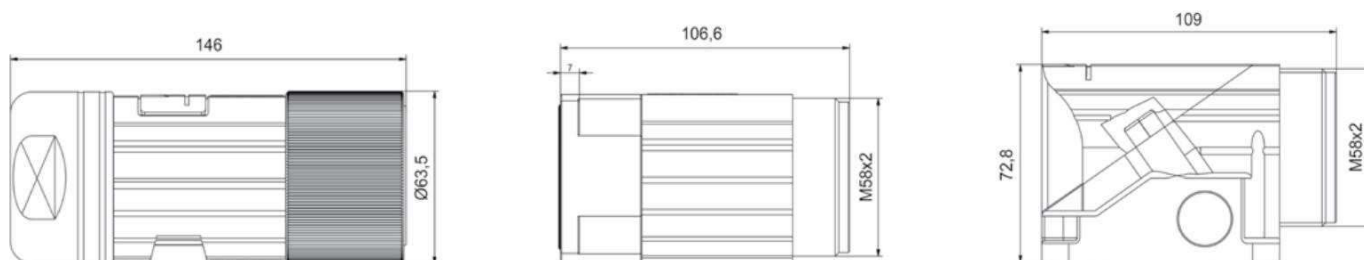
8P (4 + 4)

CONTACTS


Insert	Type	Section Fils (mm ²)	Mâle / Femelle	Contacts
	Signal	0,34 – 2,5mm ²	F	P16Y15C
	Puissance	10mm ²	F	P100Y10C
		16mm ²	F	P100Y16C
		25mm ²	F	P100Y25C
		35mm ²	F	P100Y35C
		50mm ²	F	P100Y50C
	Signal	0,34 – 2,5mm ²	M	P16M15C
	Puissance	10mm ²	M	P100M10C
		16mm ²	M	P100M16C
		25mm ²	M	P100M25C
		35mm ²	M	P100M35C
		50mm ²	M	P100M50C
	Signal	0,34 – 2,5mm ²	M	P15P25C
	Puissance	INCLUS EN 10MM²		

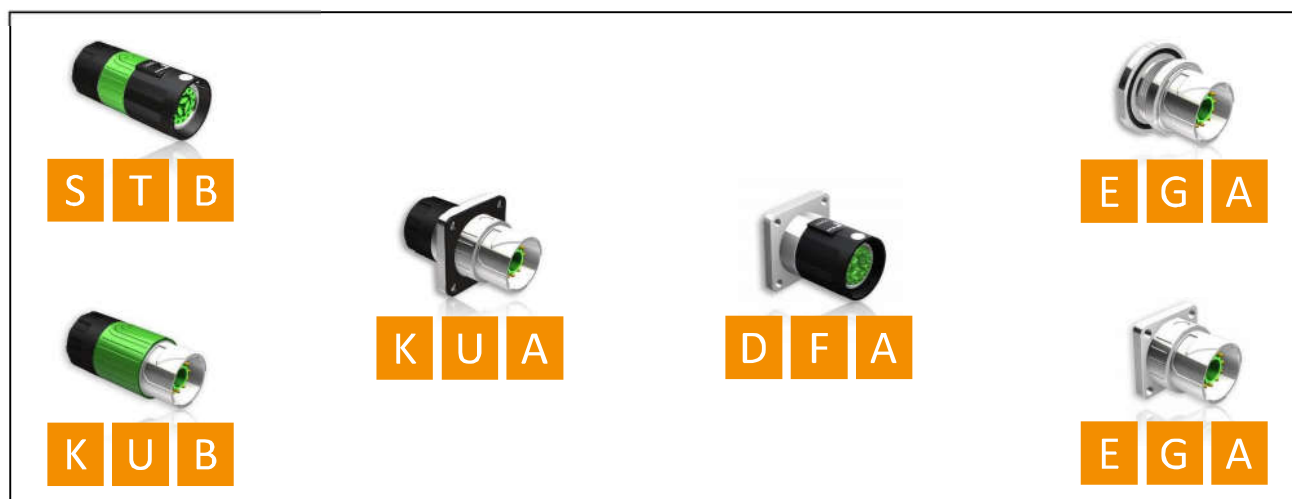
CARACTERISTIQUES

Housing:	zinc diecast and brass, nickel-plated
Insulation insert:	PA/PBT, UL 94-V0
Contacts:	brass silver / gold plated
Sealing:	FPM
Clamp range:	17.0 - 36.0 mm
Clamp ring:	aluminium, nickel-plated
Current:	150 A/12 A
Voltage:	630 V/250 V
Protection type:	IP 66/67 connected
Mating Cycles:	500
Temperature range:	-20 °C to 130 °C
Shielding:	EMC 360° shielded housing

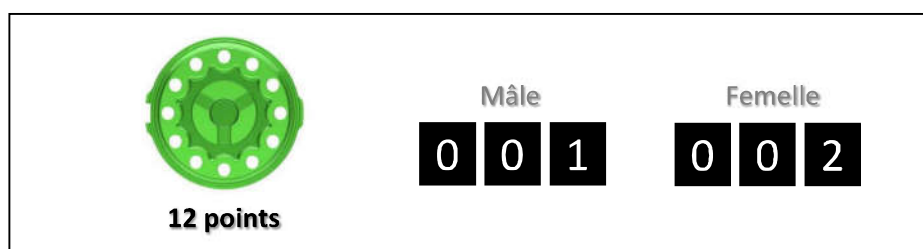
DIMENSIONS PRINCIPALES




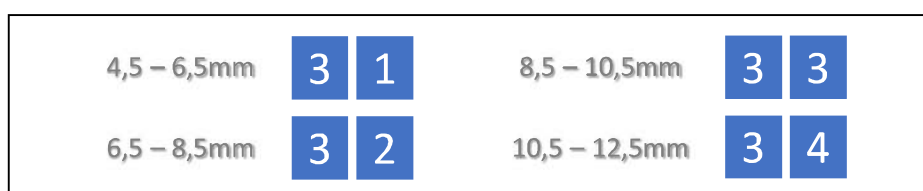
FORMES



INSERTS



DIAMETRE CÂBLE



Embases: 00

VARIANTES DESIGN



CONTACTS

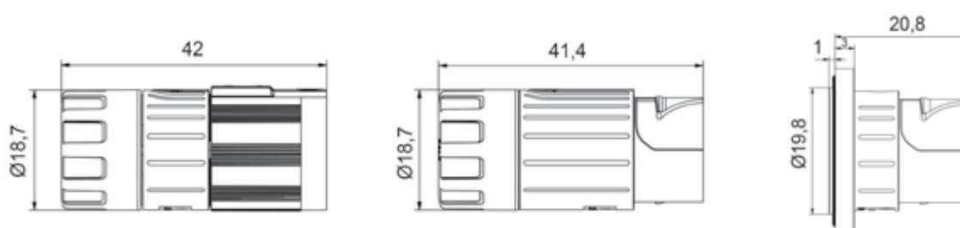
Type	Section Fils (mm ²)	Mâle	Femelle
Signal	0,05 – 0,75mm ²	61.232.11	60.252.11



CARACTERISTIQUES

- 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
- Protection type:.....IP 66/67 connected
- Mating Cycles:500
- Temperature range:-20 °C to 130 °C
- Shielding:.....EMC 360 ° shielded housing

DIMENSIONS PRINCIPALES

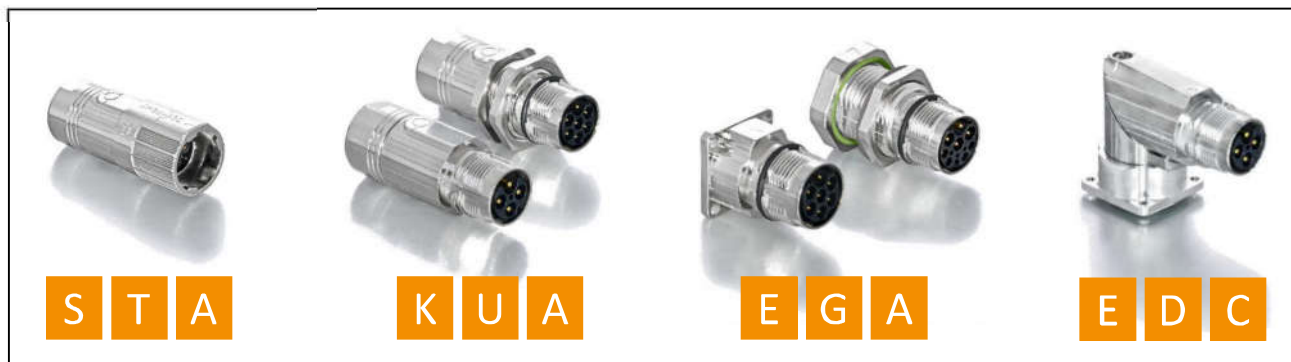


AUTRES VERSIONS*





FORMES



INSERTS



Ø CÂBLE



Embases: **00**

VARIANTES DESIGN




VERROUILLAGE
SPEED[®]EC
S P
A VISSER

**SENS DE
ROTATION**

FORMES

D B

C B

D R

C R

D C F

E D

E R

E C

E B

*Diamètre Câble de 3,5mm à 14,7mm


INSERTS
6 Points

0 6
7 Points

0 7
9P (8+1)

8 1
9 Points

9 0
10 Points

1 0
12 Points

1 2
17 Points

1 7
19 Points

1 9

CONTACTS

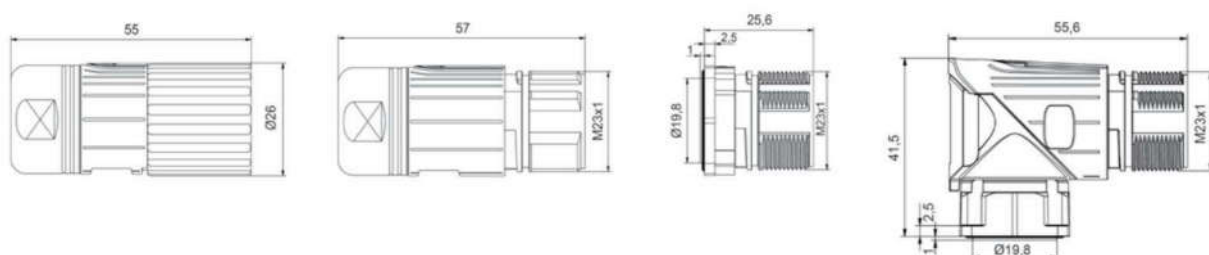


Insert	Diamètre	Type	Mâle / Femelle	Contacts
6,7 	2mm	A Sertir	M	H20M25C
			F	H20F25C
		A Souder	M	H20M25S
			F	H20F25S
8+1 	1mm	A Sertir	M	H10M10C
			F	H10F10C
	2mm	A Souder	M	H10M15S
			F	H10F15S
9,10,12,17,19 	1mm	A Sertir	M	H20M25C
			F	H20F25C
		A Souder	M	H20M25S
			F	H20F25S
	1,5mm	A Sertir	M	H10M10C
			F	H10F10C
		A Souder	M	H10M15S
			F	H10F15S
		A Sertir	M	H19M10C
			F	H19F10C
		A Souder	M	H19M15S
			F	H19F15S

CARACTERISTIQUES

- 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:10 A (9 pin) 7 A (12, 17, 19 pin)
- Voltage:.....63 V (19 pin)
125 V (17 pin) 160 V (9, 12 pin)
- Protection type :.....IP 66/67 connected
- Mating Cycles:500
- Temperature range :...-20 °C to 130 °C
- Shielding:.....EMC 360 ° shielded housing

DIMENSIONS PRINCIPALES





SENS DE ROTATION



FORMES



E D



E R



E R



E B

*Diamètre Câble de 4,2mm à 17mm



INSERTS

26 Points



2 6



CONTACTS

Insert	Diamètre	Type	Mâle / Femelle	Contacts
26 Points 	1mm	A Sertir	M	H10M10C
			F	H10F10C
		A Souder	M	H10M15S
			F	H10F15S

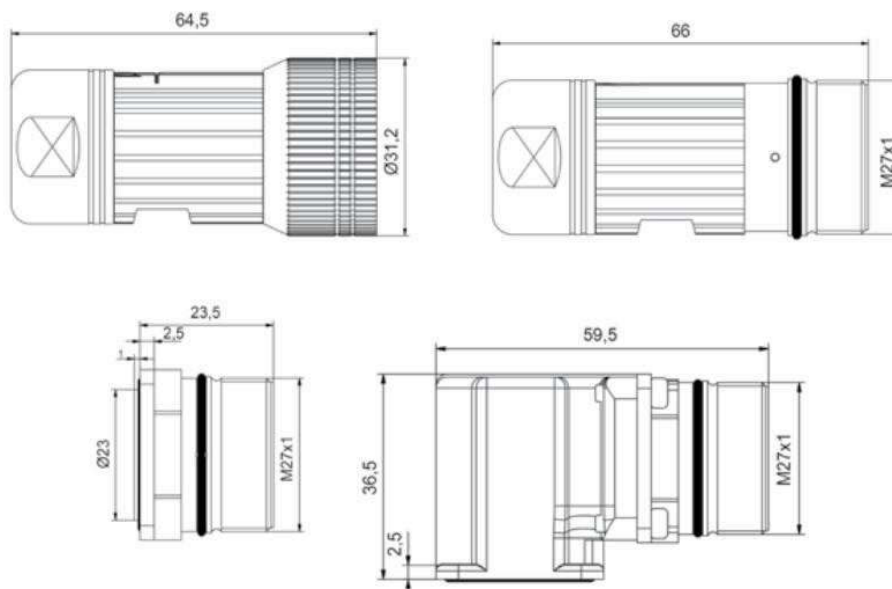


CARACTERISTIQUES

- 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
- Protection type:.....IP 66/67 connected
- Mating Cycles:.....500
- Temperature range:.....-20 °C to 130 °C
- Shielding:.....EMC 360 ° shielded housing



DIMENSIONS PRINCIPALES

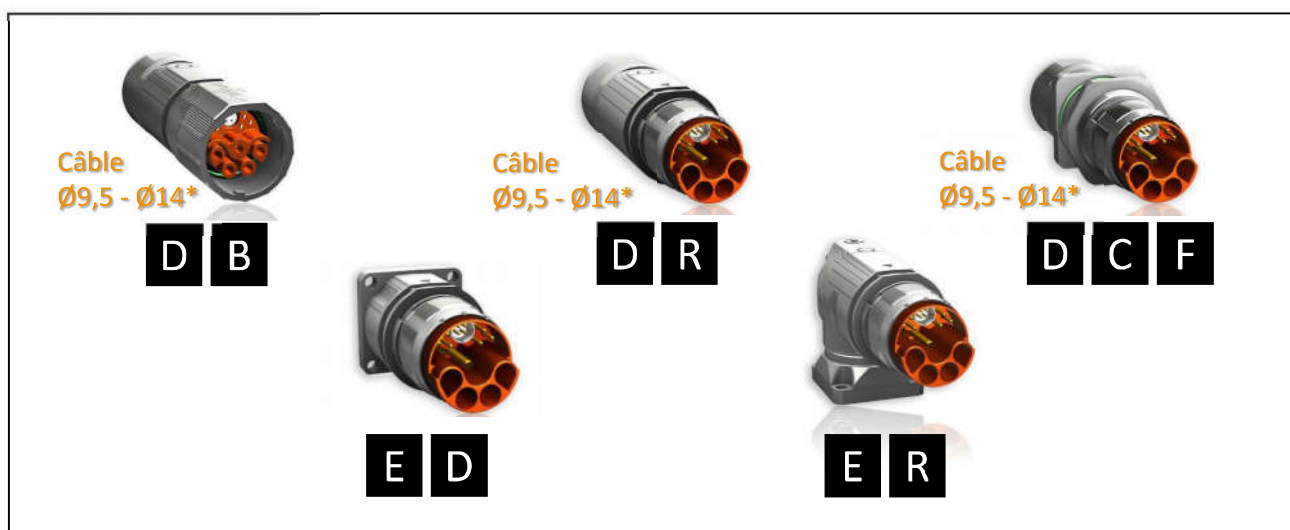




VERROUILLAGE

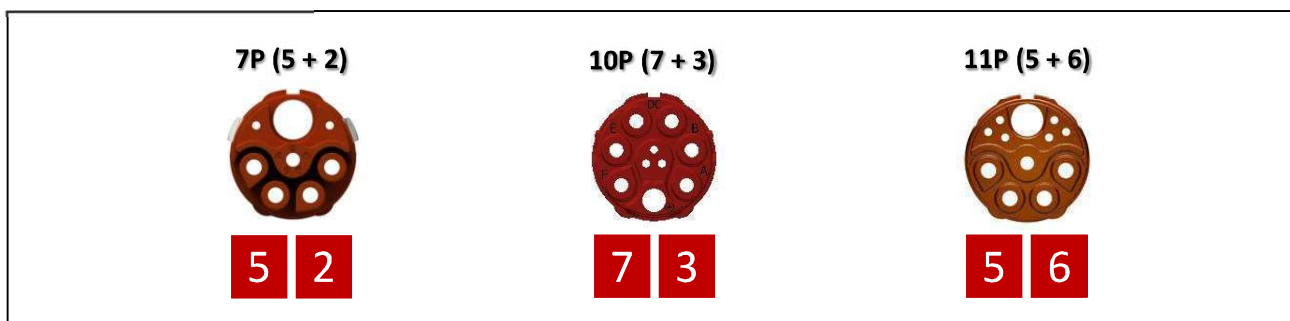


FORMES

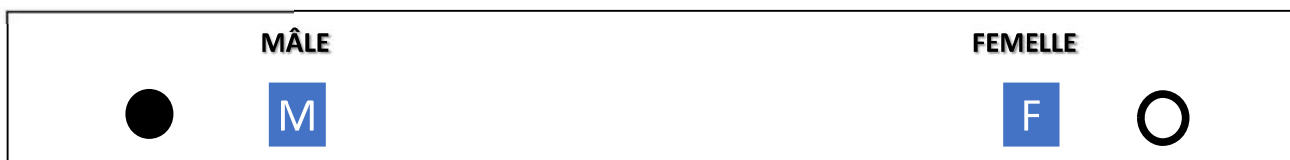


*Autres diamètres disponibles sur demande

INSERTS



GENRE





CONTACTS



Insert	Type	Section Fils (mm ²)	Mâle / Femelle	Contacts
7P (5 + 2)	Signal	0,06 – 1mm ²	M	61.253.11
10P (7 + 3)			F	60.279.11
11P (5 + 6)	Puissance	0,34 – 2,5mm ²	M	61.242.11
			F	60.270.11
		2,5 – 4mm ²	M	61.243.11
			F	60.272.11



INSERTS DATA

Insert	Inserts Compatibles	Section Fils (mm ²)	Mâle / Femelle	Insert	Contacts
2P	5 2	0,14 – 1mm ²	M	40.A722.00	61.253.11
			F	40.A711.00	60.279.11
4P Ethernet	5 6	0,03 – 0,34mm ²	M	40.A486.00	61.252.11
			F	40.A487.00	60.278.11
6P	5 2	0,03 – 0,34mm ²	M	40.A703.00	61.252.11
			F	40.A702.00	60.278.11



CARACTERISTIQUES

- 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: Power: 30 A (7, 11 way), 25 A (10 way)
Signal: 1.2 A
- Voltage: Power: 750 VAC / 890 VDC
Signal: 30 VAC / 50 VDC
- Protection type : IP 66/67 connected
- Mating Cycles: 500
- Temperature range: -20 °C to 130 °C
- Shielding: EMC 360 ° shielded housing

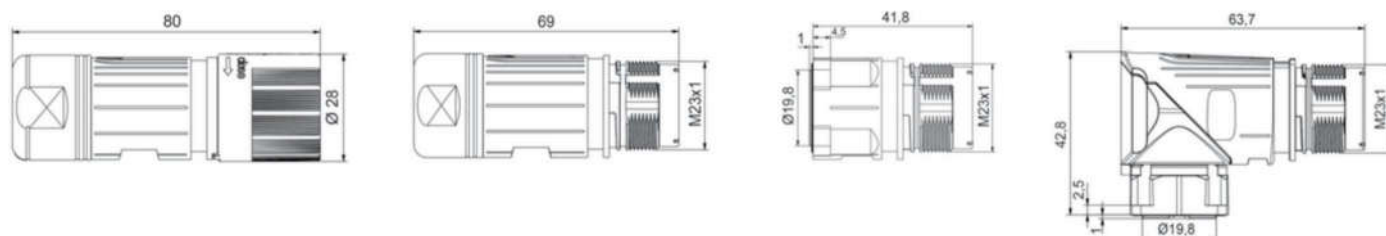
BAGUES DE COULEURS



- A6.022.F04
A6.022.F04
- A6.022.F10
- A6.022.F11



DIMENSIONS PRINCIPALES



S P P H 1 5 5 4 0

VERROUILLAGE



SPEEDEC®

S P



FORMES



Câble
Ø9 - Ø16*

D B



Câble
Ø9 - Ø16*

D R



E R

*Autres diamètres disponibles sur demande

INSERT

9P (5 + 4)



5 4



CONTACTS



Insert	Type	Section Fils (mm ²)	Mâle / Femelle	Contacts
9P (5 + 4) 	Signal	0,06 – 1mm ²	M	61.253.11
			F	60.279.11
	Puissance	1,5 – 10mm ²	M	61.196.11
			F	60.225.11
		6 – 16mm ²	M	61.195.11
			F	60.227.11



INSERTS DATA

Insert	Type	Section Fils (mm ²)	Mâle / Femelle	Insert	Contacts
2P 	Data	0,14 – 1mm ²	M	40.A722.00	61.253.11
			F	40.A711.00	60.279.11
6P 	Data	0,03 – 0,34mm ²	M	40.A703.00	61.252.11
			F	40.A702.00	60.278.11

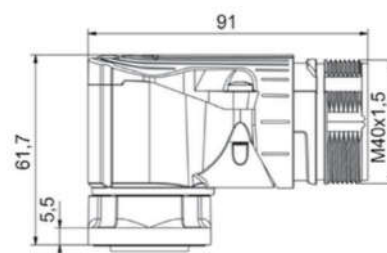
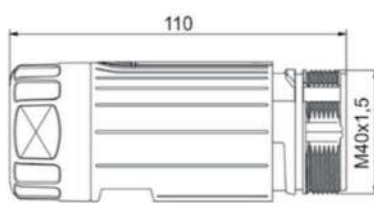
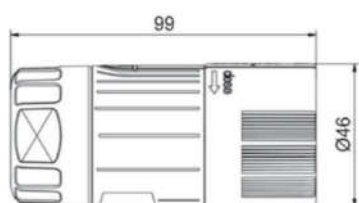


CARACTERISTIQUES

- 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: Power: 70 A, Signal: 7 A
- Voltage: Power: 750 VAC / 890 VDC
Signal: 150 VAC / VDC
- Protection type : IP 66/67 connected
- Mating Cycles: 500
- Temperature range: -20 °C to 130 °C
- Shielding: EMC 360 ° shielded housing



DIMENSIONS PRINCIPALES



FLASQUES PASSE-CLOISONS



Gamme	Référence
M17	FL17
M23 Signal	FLH
M23 Puissance	FLP
M27	FL27
M40	FLT
M58	FLD

BOUCHONS METAL



Gamme	Genre Connecteur	Référence
M17	M	F8B.048.01
	F	F8B.067.01
M23	M	F8B.011.01
	F	F8B.013.01
M40	M	F8B.022.01
	F	F8B.018.01

*uniquement sur versions non SpeedTec

AUTRES ACCESSOIRES

- ■ ■ ■ ■ Bouchons plastiques compatibles SpeedTec
- ■ ■ ■ ■ Sorties câbles avec protection
- ■ ■ ■ ■ Adaptateurs de fixation
- ■ ■ ■ ■ Raccords adaptateur sortie



PINCES MANUELLES

HC1



Contacts 1mm

HC2



Contacts 1mm & 2mm

HC3



Contacts 3,6mm

PINCES MANUELLES DIGITALES

Sections 0,03mm² à 2,5mm²
C0.235.00



Sections 0,1mm² à 4mm²
C0.236.00



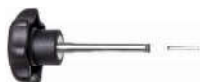
POSITIONNEURS

Positionneurs	Contacts admissibles							
FC1	H10Y10C	H10F10C	H10M10C	P10R10C				
FC2	P15Y25C	P10Y40C	P10R25C	P15M25C				
FC4	H10F25C	P10M10C	P15M25C	P10M40C	P10R40C	61.107.11	P10M25C	
FC5	P15Y40C	P15Y16C	P15M40C	P15M16C	P15P25C			
FC6	H19F25C	H19M25C						
FC8	H20F25C	H10M25C						
FC9	P15P10C	P15P40C						



EXTRACTEURS CONTACTS ET INSERTS

Références sur demande



MACHINES

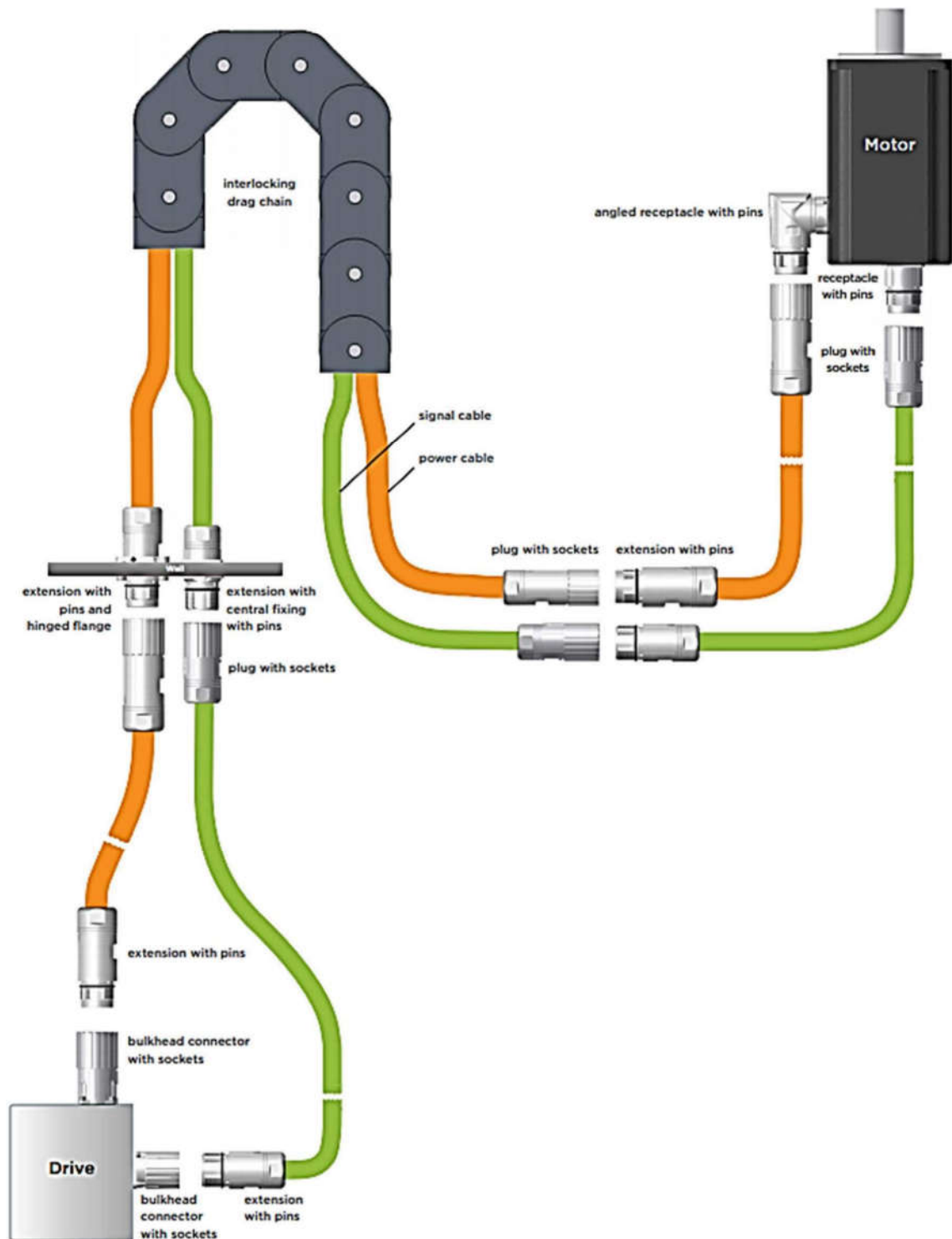
Machines de sertissage automatique

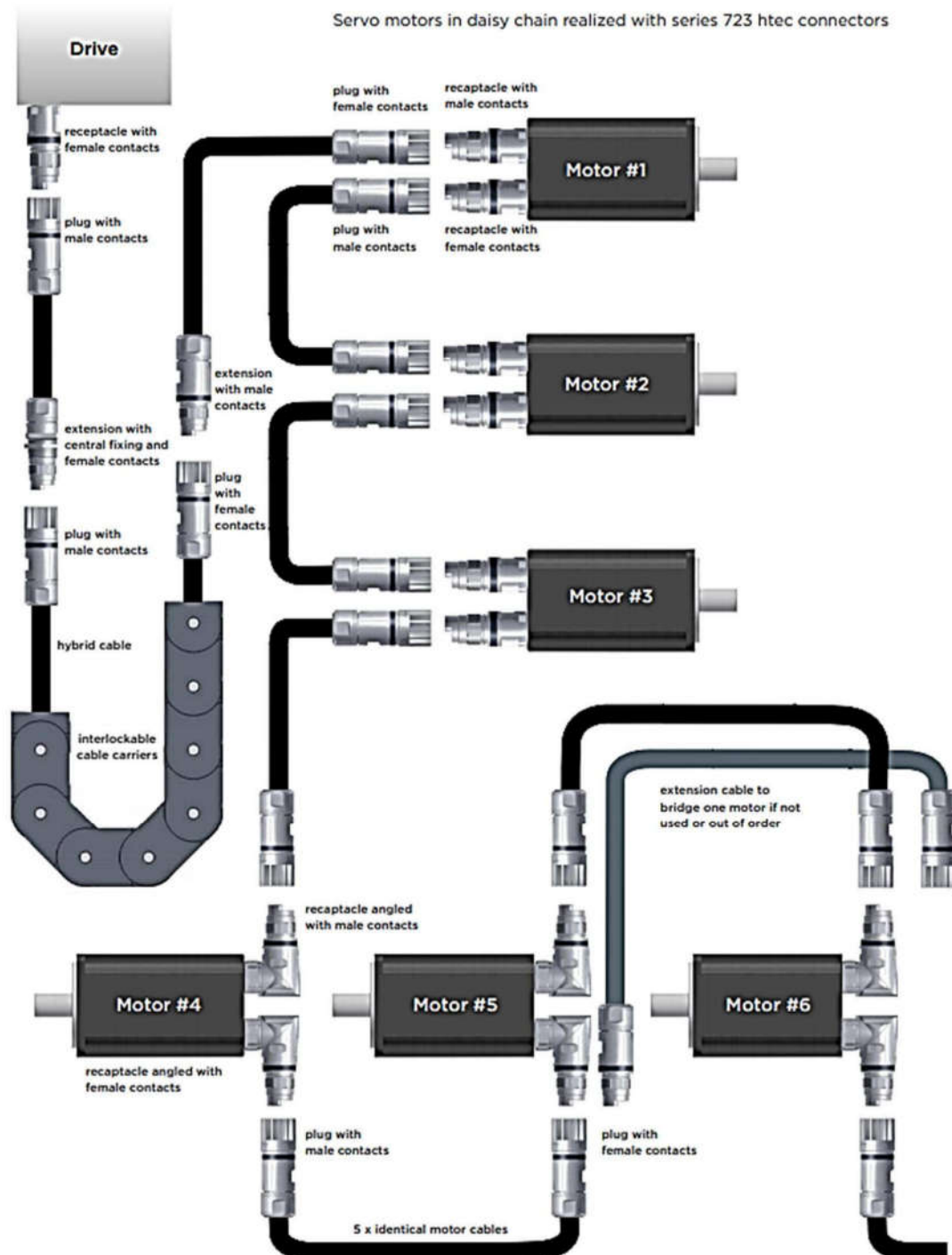


Machines de dénudage & sertissage automatique



APPLICATIONS





VERSIONS LOCKTEC



- Assemblage libre sans surmoulage
- IP67 / IP68
- Ouverture connecteur impossible sans destruction
- Enveloppe interne métallique avec reprise de blindage CEM
- Protection élevée du câble en sortie de connecteur
- Compatible avec les gammes:

M15 Signal	615
M15 Puissance	915
M23 Signal	623
M23 Puissance	923
M23 Hybride	723





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