

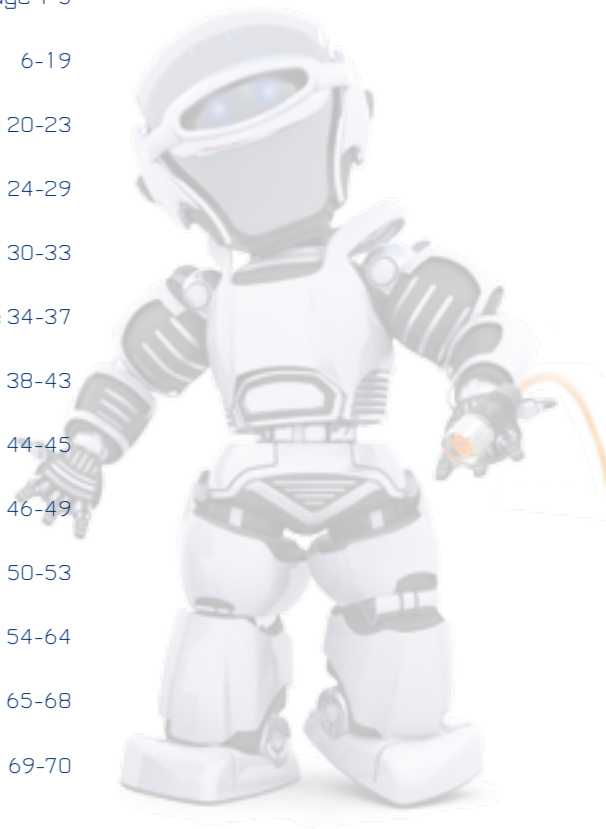
Schweiger

EcoMOLDED[®]
by Schweiger



Overmolded Axis Cabling Systems

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CONTACT

Give us a call!
We're here to help:



Technical Sales
+49 (0)8104 - 897 - 50
info@schweiger-gmbh.de
www.schweiger-group.de



Albert Schweiger



Dr. Christoph Schweiger

Technology - powered by know-how

The Schweiger Group looks back on more than 30 years of company history. Today, the company including it's 200 employees, is an established partner of mechanical engineering and industry. In 1982, the founder Albert Schweiger limited his field of duty on selling spare parts for electric automation. By focusing on machinery and plant engineering as well as consequently expanding the service portfolio, a development was born, which was continually noted, even by the media. The mainstay of component distribution is still an important one today.

Being an outsourcing-partner since 2005, Schweiger produces complex electrical, mechanical and mechatronical system components, offers engineering services and provides staff support for the installation of machinery and plant assembly as well as for commissioning. In 1997 we moved into our new premises of the head office in Sauerlach, south of Munich. In 2006 and 2012 we expanded with new production sites at the head office. In 2012, Schweiger Produktion GmbH relocated into a company building which was entirely new built in Weil im Schönbuch, south of Stuttgart.



A. Schweiger GmbH, Sauerlach near Munich



Further production facilities of A. Schweiger GmbH, Sauerlach near Munich



Schweiger Montage GmbH, Sauerlach near Munich



Schweiger Produktion GmbH, Weil im Schönbuch

The Services: Schweiger - The Supplier and Service Partner for the machine building industry

With the vast range of services for the engineering and automation industry Schweiger takes a unique position. The services range from electrical and mechanical component distribution, cable assembly, engineering and production of complex system assemblies to machine installation, maintenance and initial-operation of machinery, all worldwide.

Our Culture

Next to the conscious decision to stay located in Germany ("pro Standort Deutschland"), a very special company culture was developed in the house of Schweiger. Based on old values like honesty and respect we innovatively meet the requirements of our customers.

Proven Quality

Annually, we get a certification from TÜV Saarland. All business sectors are certified by DIN EN ISO 9001:2008. Accordingly, transparent processes, documented testing methods, constant maintenance as well as the continually advancement of quality management, are self-evident to us. Certain series we check according to DIN EN 61984. The production of these products are subject to an annual production-site surveillance through the VDE.

Our Position

Our technical and logistical competence, which is documented by a various number of passed audits, made us an established partner in machine tool manufacturing for cable manufacturing, services of system components, engineering and assembling. Furthermore, we put great emphasis on technical competence and a close collaboration with the customer in our new business sectors such as tool technology and visualization technology.

Our Mission

We help our customers to produce their machinery and facilities with lower costs. We consider ourselves a service provider for our customers. Personalized services, short delivery periods and extensive outsourcing-concepts help our customers to maximize their flexibility while protecting their resources.

Worldwide Presence

Today, after 30 years of sustainable growth, the Schweiger Group is operating on a global scale. Agencies exist in European countries, the U.S., Brazil, China and India.



Cable Manufacturing



In Baden-Württemberg, near Böblingen, we run one of the largest assembly plants for signal and power cable assemblies. We are OEM for major drive manufacturers and valued supplier for most popular machine tool companies. Besides our main field, axis and machine wiring, we manufacture a wide variety of cable assemblies for branches like instrument manufacturing, automotive, medical, etc.

Our colleagues in Weil im Schönbuch produce flexible, starting from a badge size of 1 piece. Individual solutions, order-related cable harnesses, just-in-time and just-in-sequence supplies with a fast delivery with our own vehicle fleet is part of our daily business.

Our standard-shop-floor-processing time averages five days. All goods are tested on modern testing equipment for 100 % full function prior to goods issue. All company divisions are certified under DIN EN ISO 9001:2008, in preparation for DIN EN ISO 9001:2015. Our location in Weil im Schönbuch is a VDE monitored production plant.



System-Services



The sector of mechanical engineering is forced to examine its value chain due to the constant pressure on costs. To concentrate on the core competence is more important than ever before. Therefore, profitable value added elements of suppliers will be asked for less. Since a while, it is not enough anymore to buy material and components for the best possible price. Modern, individual and extremely flexible supply services are in demand. Logistics, technical know-how and customer proximity are the tasks of modern partners. We deliver extensive services and manufacture high-complex modules and components.



Distribution of Components



Personal service is no matter of size. We are always there for our customers, also on site. Our field sales consists of very experienced colleagues with an extensive technical background. We support our customers anytime. In our program you only find products from established manufacturers.

We run a well-stocked warehouse with approximately 90000 items from more than 80 partners. This allows us fast deliveries and great flexibility. Logistics services, such as serial or lot number tracking, KanBan services, or just-in-sequence deliveries of cable assemblies are part of our standard.



Services of industrial assembly



Schweiger - Your business partner for project support and maintenance worldwide. Our service line ranges from the machine assembly and installation to the commissioning. From the switching cabinet design to the complete setup incl. acceptance. We are always at your service. More than 50 experienced on-site team members with very high qualifications in electrical and mechanical sectors, SPS-programming and commissioning and project management support our customers. You are operating a production facility? Your maintenance is complex? Machine breakdowns are a problem? → Schweiger supports you and looks after your machinery and facilities.



Introduction

EcoMolded®, the new motor connection system with overmolded connectors. In accordance with market demands, and by involving the customer Schweiger designed a simple and cost-effective connection system for servomotors. All common variations and contact configuration for power and signal applications are available, either in standard screw-gland EcoMolded® M23, or in the patent pending quick-connection-system EcoMolded® M23 Quick. Types are available by default for Siemens, Fanuc, SEW, Bosch/Rexroth, Beckhoff, B & R, Elau and for other applications as catalog products.

Modern manufacturing technologies and a well equipped park of machinery, together with a well-stocked warehouse, make us fast, reliable and powerful. All products are subject to a 100% examination before leaving our house. Through modern IT processes and an appropriate quality management, we are able to ensure a consistent traceability of individual components used. Our experience allows us to engineer and provide special solutions according to our customers demands. For years, we are a well-known OEM for drive manufacturers.

Product overview EcoMolded®:



EcoMolded® advantages:

- low cost
- VDE approved and controlled production
- individual customer logo available
- high degree of protection even before the molding process
- tested in accordance with DIN EN 61984 - VDE 0627
- save to any attempts of manipulation
- 360° EMC protection
- approximately 30% weight reduction
- short, slim design
- smooth and seamless surface, no dirt traps
- available for F&B in stainless steel
- front gland available in different variations
- exclusively use of UL-compliant materials
- other variations on request

General Cable Specification

For our products we use standardized quality cables that are particularly appropriate for applications in the machine-building industry. Our cables are certified and have been successfully tested with a variety of aggressive media (e.g. oil and lubricants). We deliver quality you can rely on.

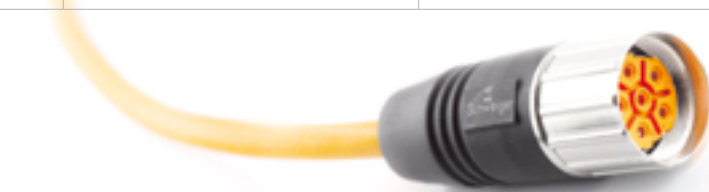
In our standard products for the machine-building industry we use flexible control and power cables for increased mechanical stress of moving, highly-moving and extreme motion applications. Our standard cables are suitable for drag chains. Permanently flexible control and power cables for extreme conditions in the field of machine tools are on stock.

We supply cables for high performance in industrial robotics, especially welding robots and high-performance drag chains.

- drag-chain-proven, halogen-free, silicone-free and PVC-free
- very good resistance to oil, lubricants, and chemicals, as well as against other aggressive media
- flame resistant
- high mechanical strength
- high temperature resistance
- types of cables with welding sparks resistance
- high abrasion resistance
- hydrolyze- and UV-resistant
- types of cables with UL and CSA approvals

	Fixed application (PVC)*	Moving application (PUR)†	Highly moving application (PUR)†	Torsion application (PUR)†
Minimum bending radius	15 x D	10 x D	7,5 x D	10 x D
Max. speed	-	200m/min.	300m/min.	-
Max. acceleration	-	10m/s²	50m/s²	-
Moving distance	-	10m	50m	-
Bending cycles	-	ca. 5 Mio.	ca. 10 Mio.	-
Torsion angle	-	+/- 30°/m	+/- 30°/m	+/- 180°/m
Operating temperatur unmoved	-20°C/+80°C	-40°C/+80°C	-50°C/+80°C	-30°C/+80°C
Operating temperature moved	0°C/+60°C	-20°C/+60°C	-20°C/+60°C	-30°C/+80°C

*Concrete values can be found in the respective data sheets.



Technical data		File date: 22.08.2016
Pin assignment	8 pin	
Temperature range	-25 to 85°C	
Protection	IP67 (in fully locked position)	
Coding	A	
Torque	0.6Nm	
Key-wide	14mm	
Rated voltage	30 V	
Rated impulse voltage	0.8 KV	
Rated current	2 A (at 40°C)	
Pollution degree	3	

Material	Material	Bemerkung
Body	TPU	Black
Contact holder	TPU	Black
Contacts	CuZn	Pre-nickeled, galv. Au
M12-Screw locking	Zinc die-cast	Nickel-plated
O-Ring (female)	NBR	-

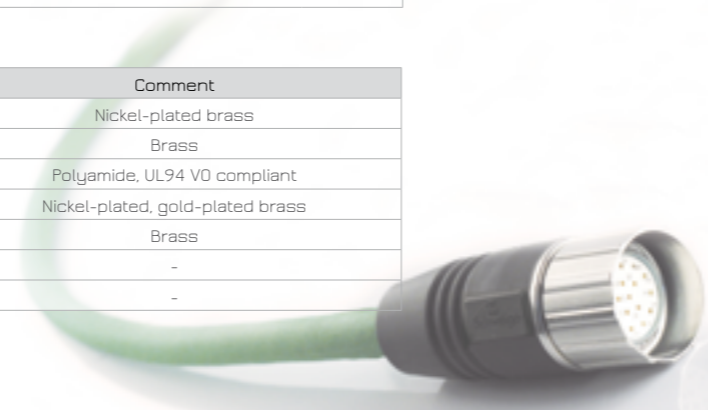


Technical data connector	New Motor Connector „SNM“	File date: 06.04.2016
Temperature range	-25 to +70°C	
IP protection	IP67	
Approvals	-	
Pin assignment	6	
Component	Specifications	Default / Conditions
Vibration resistance	No electrical discontinuity > 1µsec. dR = 10m Ohm max.	Frequency: 10-500 - 10 Hz, traversed in 15 minutes at 1,5mm amplitude, 3 hours each of 3 axes at 100mA applied
Shock resistance	No electrical discontinuity > 1µsec. dR = 10m Ohm max.	Acceleration: 490m/s², 11 ms Waveform half sine curve 3 runs in 3 axes, totally 18 drops
Electrical data for power contacts		Comment
Rated current at max. cross-section (A)	7,0A	-
Wire cross-section	0,3 - 1,0mm²	-
Rated voltage (V)	500 VAC	-
Rated peak voltage (L-L) KV	2500 VAC	for 1 minute
Insulation resistance	>1000M0hm	Impressed voltage 500VDC
Mating cycles	50	-
Bending cycles	100	-
Material	Material	Comment
Locking / Thread	ST4.8; Ni	Threaded connection M3
Kontaktträger	Elastollan, R3000	UL94 HB
Contacts	Brass (CuZn)	-
Contact area	gold-plated (Au)	0,38µ mMIN
Underplate	nickel-plated (Ni)	1,30µ mMIN
Crimp area	Tin-Copper plated (CuZn)	1-4µ m
Gasket	NBR/ SBR	65 +/-5 ShA
Pressure plate	DC01	Nickel-plated
Moulded material	Elastollan 1195A	UL94 HB
Additional product information		
1. Applicable wire: 98321604: MLG (6x1,0mm²) PUR/TPM, UL 21223		
Outer diameter: 9,0 +/-0,2		
2. Compatibility with:		
TE connectivity article: 108-5743		



General data M23 signal connector										File date: 01.09.2014
Temperature range	-25 to +70°C									
IP protection	IP66/67									
Contact technology	Crimp/Löt									
EMC housing shielding	Yes									
Thread lock	Screw M23 x 1 / Quick-lock									
Min. plug cycles	500									
Wrench size (mm)	25									
Tightening torque (Nm)	5-10									
Electrical data for signal contacts										
Number of poles	6	7	8+1	9	10	12	16	17	19 (16+3)	
Rated current at max. cross-section (A)	20	20	8 20	8	8	8	8	8	8 10	
Rated voltage (V)	300	300	200	200	125	200	160	160	100	
Rated peak voltage (L-L) KV	2.5	2.5	2.5	2.5	4	2.5	1.5	1.5	1.5	
Contact cross-section (mm)	2	2	1 2	1	1	1	1	1	1 1.5	
Max. wire cross-section (mm ²)	2.5	2.5	1 2.5	1	1	1	1	1	1	
Data cc. to DIN EN 61984 - VDE 0627										
Pollution-degree	3									
Over voltage category	2									
Max. operation altitude.	2000m									

Material	Material	Surface	Comment
Coupling nut	Ms	Ni	Nickel-plated brass
Moulding-module	Ms	-	Brass
Insulation body	PA, PBT	-	Polyamide, UL94 V0 compliant
Contacts	Ms	Ni / Au / Ag	Nickel-plated, gold-plated brass
Sleeve-shell	Ms	-	Brass
Moulding cover	PUR	Black	-
	PVC	Black	-



General data power connector M23				File date: 01.09.2014
Pin assignment	6 pin	8 pin	9/9B	1 pin
Temperature range	-25 to +70°C	-25 to +70°C	-25 to +70°C	-25 to +70°C
IP protection	IP66/67	IP66/67	IP66/67	IP66/67
Contact technology	Crimp	Crimp	Crimp	Crimp
EMC housing shielding	Yes	Yes	Yes	Yes
Thread lock	Screw M23x1 / Quick-lock	Screw M23x1 / Quick-lock	Screw M23x1 / Quick-lock	Screw M23x1 / Quick-lock
Min. plug cycles.	500	500	500	500
Wrench size (mm)	25	25	25	25
Tightening torque (Nm)	5 to max. 10	5 to max. 10	5 to max. 10	5 to max. 10
Electrical data for power contacts				
Rated current at max. cross-section (A)	28	28	28	200
Rated voltage (V)	600	600	600	600
Rated peak voltage (L-L) KV	4	4	4	4
Contact cross-section (mm)	2	2	2	8
Max. wire cross-section (mm ²)	4	4	4	50
Electrical data for signal contacts				
Rated current at max. cross-section (A)	-	8	8	-
Rated Voltage (V)	-	300	300	-
Rated peak voltage (L-L) KV	-	2.5	2.5	-
Contact cross-section (mm)	-	1	1	-
Max. wire cross-section (mm ²)	-	1.5	1.5	-
Data acc. to DIN EN 61984 - VDE 0627				
Pollution-degree	3	3	3	3
Over voltage category	2	2	2	2
Max. operation altitude	2000m	2000m	2000m	2000m

Material	Material	Surface	Comment
Coupling nut	CuZn	Ni	Nickel-plated brass
Moulding-module	CuZn	-	Brass
Insulation body 6/8/9 pin	PA, PBT	-	Polyamide UL94 V0 compliant
Contacts	CuZn	Ni / Au / Ag	Nickel-plated, gold-plated, silver-plated brass
Sleeve-shell	CuZn	-	Brass
Insulation body 1 pin	PA6/66	-	Badamid LC70 FR HF, IEC 60695-11-10
Moulding cover	PUR	Black	-
	PVC	Black	-





General data power Connector M40		File date: 01.09.2014	
Pin assignment	6 pin (3+PE+2)	8 pin (3+PE+4)	
Temperature range	-25 to +70°C	-25 to +70°C	
IP protection	IP66/67	IP66/67	
Contact technology	Crimp	Crimp	
EMC housing shielding	Yes	Yes	
Thread lock	Screw M40x1,5	Screw M40x1,5	
Min. plug cycles	500	500	
Wrench size (mm)	44	44	
Tightening torque (Nm)	12 to max. 15	12 to max. 15	
Electrical data for power contacts			
Rated current at max. cross-section (A)	75	75	
Rated voltage (V)	600	600	
Rated peak voltage (L-L) KV	4	4	
Contact cross-section (mm)	3,6	3,6	
Max. wire cross-section (mm ²)	16	16	
Electrical data for signal contacts			
Rated current at max. cross-section (A)	28	28	
Rated voltage (V)	300	300	
Rated peak voltage (L-L) KV	2,5	2,5	
Contact cross-section (mm)	2	2	
Max. wire cross-section (mm ²)	4	4	
Data acc. to DIN EN 61984 - VDE 0627			
Pollution-degree	3	3	
Over voltage category	2	2	
Max. operation altitude	2000m	2000m	

Material	Material	Surface	Comment
Coupling nut	CuZn	Ni	Nickel-plated brass
Moulding-module	CuZn	-	Brass
Insulation body 6/8 pin	PA, PBT	-	Polyamide UL94 V0 compliant
Contacts	CuZn	Ni / Au / Ag	Nickel-plated, gold-plated, silver-plated brass
Sleeve-shell	CuZn	-	Brass
Moulding cover	PUR	Black	-
	PVC	Black	-



Technical data connector		LS18-10	LS22-22	File date: 06.04.2016
Temperature range		-25 to +70°C	-25 to +70°C	
IP protection		IP66/67	IP66/67	DIN EN 61984 (VDE 0627):2009-11
Approvals		VDE	VDE	REG.-Nr. D593; ID 40031911
Pin assignment		3 + PE	3 + PE	
Component	Specification	Default / Conditions		
Vibration resistance	-	-	-	Frequency: 10 - 500 Hz, single amplitude 0,75mm, Acceleration: 98m/s ² , 3 hours over 3 axes following HRS mating connector
Shock resistance	-	-	-	Acceleration: 490m/s ² , 11ms, Half sine wave Waveform, 3 runs in 3 axes following HRS mating connector
Electrical data for power Contacts				
Rated current at max. cross-section (A)	10A	20A	-	
Wire cross-section	1,5 - 2,5mm ²	2,5 - 4,0mm ²	-	
Rated voltage (V)	500 V	500 V	IEC 60060-1	
Rated peak voltage (L-L) KV	4000 V	4000 V	IEC 60060-1	
Contact resistance	<0,5m0hm	<0,5m0hm	-	
Mating cycles	50	50	-	
Bending cycles	100	100	-	
Data acc. to DIN EN 61984 -VDE 0627				
Pollution-degree	3	3	IEC 60060-1	
Over voltage Category	2	2	-	
Max. operation altitude	2000m	2000m	-	

Material	Material	Surface	Comment
Cabinet	GD-ZnA14Cu1	Ni	-
Coupling nut	AlMgSiSnBi	Ni	-
Locking / Thread	-	-	Screw 1-1/8-18 UNEF
Insulation holder	AlMgSiSnBi	Ni	-
Insulation body	C7AND	-	Electrically insulated UL94V0 compliant
Contacts	CuNi1Pb1P/Ag	-	-
Sealings	FKM/NBR/PUR	-	-
Housing rings	CuZn39Pb3	Ni	-
Shielding	CuZn39Pb3	Ni	-
Moulding over	Elastollan1195A	Black	--
Additional product information			
1. Product number appendix (Suffix)/Particularities:			
2. Compatibility with:			
18-10: Hirose H/MS3102A18-10P-D-T1; JAE JL10-2E18-10PE		22-22: Hirose H/MS3102A22-22P-D-T; JAE JL10-2E22-22PE	

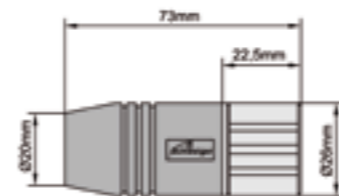
General data Yamaichi Y-Con RJ45 Plug	IP 20	IP67
Plug body	PBT, UL94V-0	PBT, UL94V-0
Shielding	Nickel plated brass	Nickel plated brass
Contacts	Contact area 30µm ² AU over Ni	Contact area 30µm ² AU over Ni
Operating Temperature	-40 to +120 °C	-40 to +120 °C
Durability	1,500 mechanical cycles	1,500 mechanical cycles
Current Rating	2.1A @ 70°C (power contacts)	2.1A @ 70°C (power contacts)
Body	Die-cast zinc	Die-cast zinc
Seal	-	FKM (Viton®) or HNBR
Screw	Steel	-
Fixing clips	-	Stainless steel
EMI Spring	-	Phosphor Bronze
EMI Washer	-	Phosphor Bronze
Operating Temperature	-40 to +80 °C	Std. -20 to +120 °C LT -40 to 120 °C



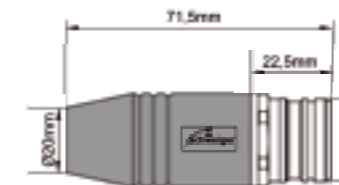
Drawing M23 encoder cable



Socket



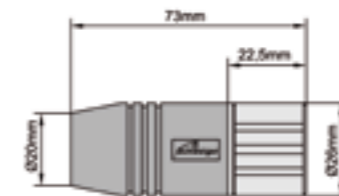
Pin



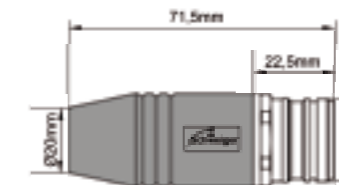
Drawing M23 motor cable



Socket



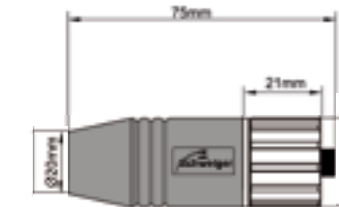
Pin



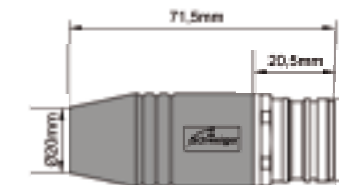
Drawing M23 1-pole



Socket



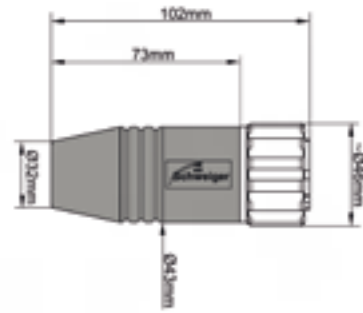
Pin



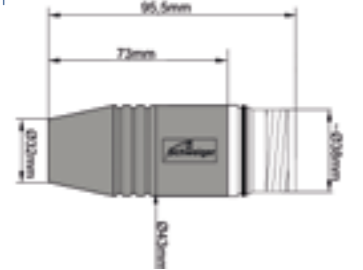
Drawing M40



Socket



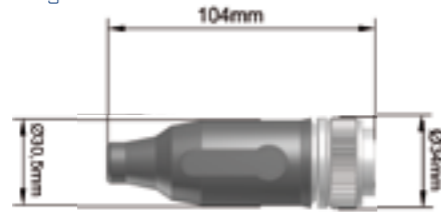
Pin



Drawing 18-10



Straight



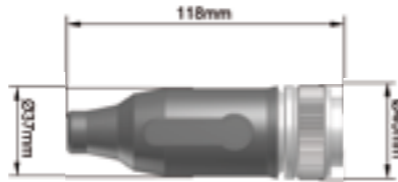
Angled



Drawing 22-22



Straight



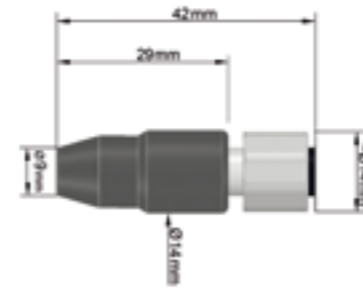
Angled



Drawing M12



Socket



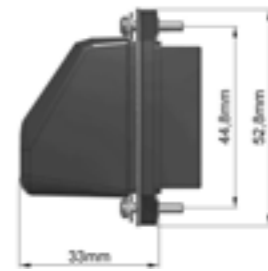
Pin



Drawing New Motor Connector „SNM“



Straight



EcoMolded® Distributors:

Germany:

J.W. Zander GmbH & Co. KG
Einsteinstrasse 5
D-79108 Freiburg
Tel.: +49 (0) 761 5140 605
Fax: +49 (0) 761 5140 348
fr.industrie@zander-gruppe.de
www.zander-gruppe.de

Swiss:

Simpex Electronic AG
Binzackerstrasse 33
CH-8622 Wetzikon
Tel.: +41 (0) 44 931 10 10
Fax: +41 (0) 44 931 10 11
contact@simpex.ch
www.simpex.ch

Singapur:

Lutronic Automation Asia
Pacific Pte Ltd
Block 1 Kallang
Sector 06-02 & 06-03
Kolam Ayer Industrial Estate
Singapore 349276
Tel.: +65 6398 5555
Fax: +65 6776 8756
jeffrey.said@lutronic.biz
www.lutronic.biz

Austria:

Semikron Austria
Hirschstettner Strasse 19-21
Block J/EG-0G1
A-1220 Vienna
Tel.: +43 (0) 1 5863 658 0
Fax: +43 (0) 1 5863 658 32
ska.sales@semikron.com
www.semikron-austria.at

Italy:

Elsap S.P.A.
Viale Famagosta 61
I-20142 Milano
39 0289125272
Tel.: +39 (0) 02891 25 272
Fax: +39 (0) 02891 25 304
info@elsap.it
www.elsap.it

Or directly at Schweiger:

CONTACT

Give us a call!
We're here to help:



Technical Sales
+49 (0)8104 - 897 - 50
info@schweiger-gmbh.de
www.schweiger-group.de



Article number

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Connector			Cable			Connector			Drawing			Variant		Length in cm			

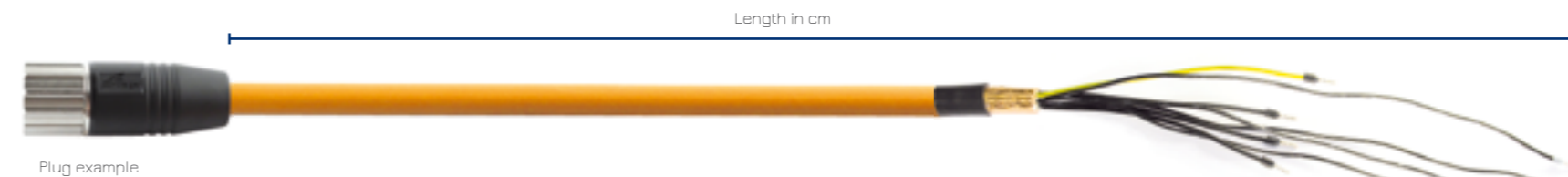
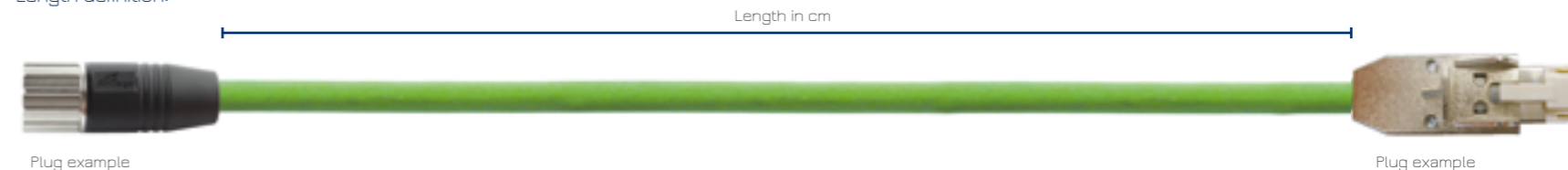
Example: Cabinet extension insert M23/RJ45-RJ45/IP20 for highly moving applications in the length 1500 cm:

SYS - NK1 - Y20 - C8C - 00 - 1500

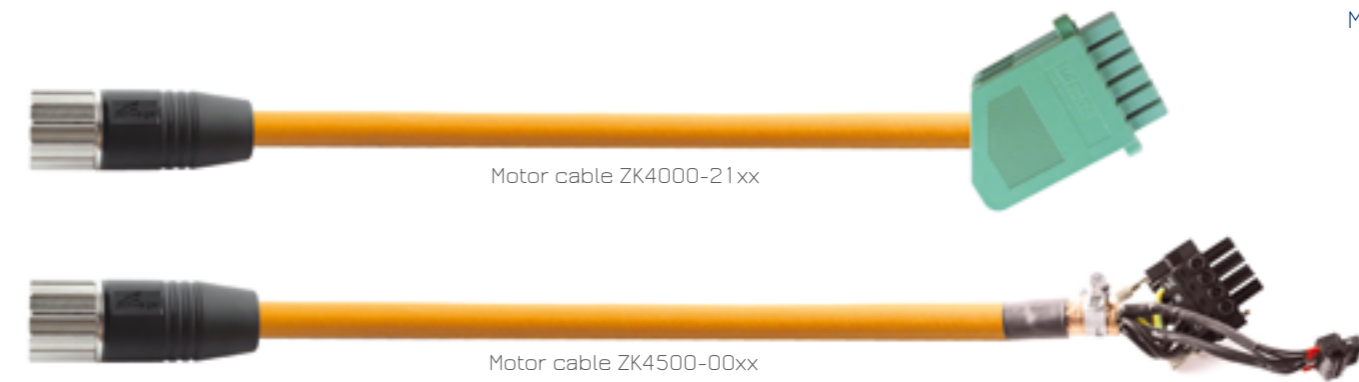
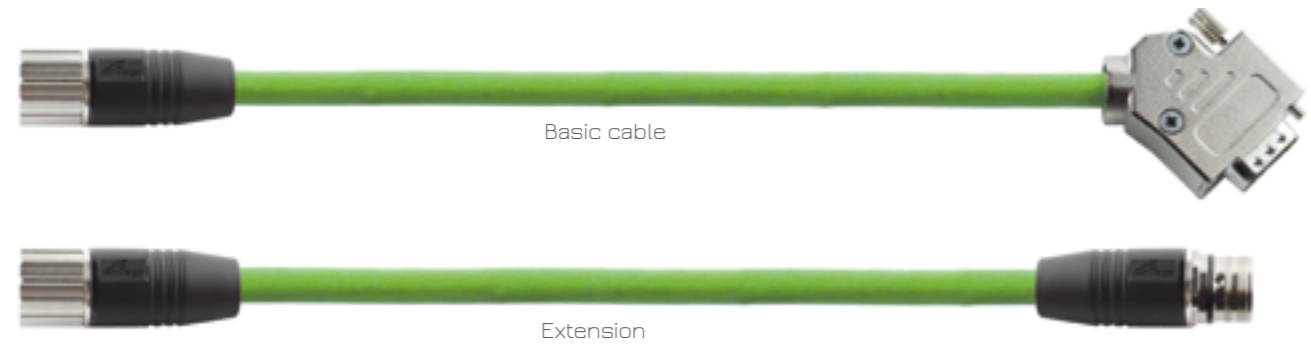


Plug description initiating with „S“ = EcoMolded model

Length definition:



Tolerances:
To 10 meter +/- 2%
From 10 meter +/- 1%



Description	Moving application (PUR)	Highly moving application (PUR)
Basic cable encoder AMxxxx an AX2000/AX2500	-	S7B MS7 D07 B20 00 ZK4000-2610-2
Basic cable encoder absolute encoder AL2xxx/AM3xxx/AL2250 an AX5000	-	S7B MS7 D07 B04 00 ZK4510-0020
Extension encoder absolute encoder AL2xxx/AM3xxx/AL2250 an AX5000	-	S7B MS7 S7S B08 00 ZK4511-0020
Special encoder cable Connector- Box AL2250	-	S7B MS7 D07 B05 00 ZK4520-0020
Basic cable resolver AM2xxx/AM3xxx an AX5000	S2B MS6 D07 B06 00 ZK4530-0010	-
Extension resolver AM2xxx/AM3xxx an AX5000	S2B MS6 S2S B10 00 ZK4531-0010	-
Basic cable resolver AMxxxx an AX2000/AX2500	S2B MS6 D06 B07 00 ZK4000-2210-2	-
Basic cable resolver AM802x/AM803x/AM301x an AX5000	A03 MS6 D48 B32 00 ZK4530-8110	-
Extension resolver AM802x/AM803x/AM301x an AX5000	A03 MS6 A22 B33 00 ZK4531-8110	-
Basic cable resolver AM804x/AM806x an AX5000	S2D MS6 D48 B31 00 ZK4530-8010	-
Extension resolver AM804x/AM806x an AX5000	S2D MS6 S2S B34 00 ZK4531-8010	-

Description	Dimension	Plug size	Fixed application (PVC)	Moving application (PUR)
Motor cable to AX2000	4 x 1,5 + 2 x 1,5	1	S8B P11 A6D B01 00 -	S8B M11 A6D B01 00 ZK4000-2111-2
Motor cable to AX2000	4 x 2,5 + 2 x 1,5	1	S8B P12 A6D B02 00 -	S8B M12 A6D B02 00 ZK4000-2112-2
Motor cable to AX2500	4 x 1,0 + 2 x 1,0	1	S8B P16 L05 B15 00 -	S8B M16 L05 B15 00 ZK4000-2711-2
Motor cable to AX5xxx	4 x 1,5 + 2 x 2 x 0,75	1	S8B A12 L4D B12 00 ZK4500-0003	S8B M10 L4D B12 00 ZK4500-0023
Motor cable to AX5xxx	4 x 2,5 + 2 x 2 x 1,0	1	S8B PM4 L4D B03 00 ZK4500-0004	S8B B24 L4D B03 00 ZK4500-0024
Motor cable to AX5xxx	4 x 4 + 2 x 1,0 + 2 x 1,5	1,5	SAB PM6 L4D B16 00 -	SAB B26 L4D B16 00 ZK4500-0015
Motor cable to AX5xxx	4 x 10 + 2 x 1,0 + 2 x 1,5	1,5	SAB PM8 L4D B17 00 -	SAB B28 L4D B17 00 ZK4500-0017
Motor cable AM8xxx to AX5000	4 x 1,0 + 2 x 0,75 + 2 x AWG22	915	A04 PS6 L4D B21 00 -	A04 M25 L4D B21 00 ZK4500-8022
Motor cable AM8xxx to AX5000	4 x 1,5 + 2 x 0,75 + 2 x AWG22	1	SRB PS7 L4D B23 00 ZK4500-8003	SRB M26 L4D B23 00 ZK4500-8023
Motor cable AM8xxx to AX5000	4 x 2,5 + 2 x 1,0 + 2 x AWG22	1	SRB PS8 L4D B24 00 ZK4500-8004	SRB M27 L4D B24 00 ZK4500-8024
Motor cable AM8xxx to AX5000	4 x 4 + 2 x 1,0 + 2 x AWG22	1,5	C14 PS9 L4D B25 00 -	C14 M29 L4D B25 00 ZK4500-8025
Motor cable AM8xxx to AX5000	4 x 10 + 2 x 1,5 + 2 x AWG22	1,5	C14 PTD L06 B26 00 -	C14 M30 L06 B26 00 ZK4500-8027



Description	Dimension	Plug size	Fixed application (PVC)	Moving application (PUR)
Extension to AX5xxx	4 x 1,5 + 2 x 2 x 0,75	1	S8B A12 S8S B14 00 ZK4501-0003	S8B M10 S8S B14 00 ZK4501-0023
Extension to AX5xxx	4 x 2,5 + 2 x 2 x 1,0	1	S8B PM4 S8S B13 00 ZK4501-0004	S8B B24 S8S B13 00 ZK4501-0024
Extension to AX5xxx	4 x 4 + 2 x 1,0 + 2 x 1,5	1,5	SAB PM6 SAS B18 00 -	SAB B26 SAS B18 00 ZK4501-0015
Extension to AX5xxx	4 x 10 + 2 x 1,0 + 2 x 1,5	1,5	SAB PM8 SAS B19 00 -	SAB B28 SAS B19 00 ZK4501-0017
Extension to AX5xxx	4 x 1,0 + 2 x 0,75 + 2 x AWG22	915	A07 PS6 A08 B22 00 -	A04 M25 A08 B22 00 ZK4501-8022
Extension to AX5xxx	4 x 1,5 + 2 x 0,75 + 2 x AWG22	1	SRB PS7 SRS B29 00 ZK4501-8003	SRB M26 SRS B29 00 ZK4501-8023
Extension to AX5xxx	4 x 2,5 + 2 x 1,0 + 2 x AWG22	1	SRB PS8 SRS B30 00 ZK4501-8004	SRB M27 SRS B30 00 ZK4501-8024
Extension to AX5xxx	4 x 4 + 2 x 1,0 + 2 x AWG22	1,5	C14 PS9 C15 B27 00 -	C14 M29 C15 B27 00 ZK4501-8025
Extension to AX5xxx	4 x 10 + 2 x 1,5 + 2 x AWG22	1,5	C14 PTO C15 B28 00 -	C14 M30 C15 B28 00 ZK4501-8027

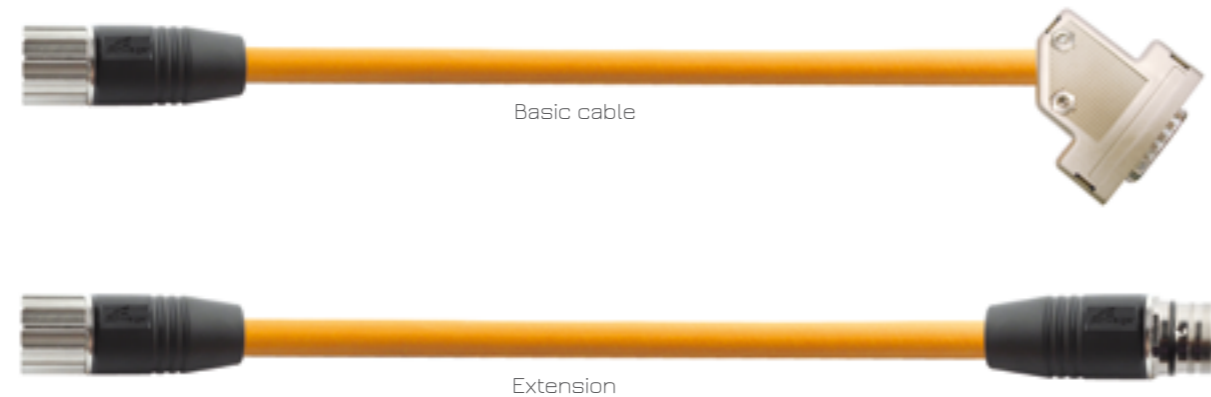


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Description	Fixed application (PVC)	Moving application (PUR)
Basic cable encoder connection INS0629, 0665, 0719	S7C PS4 DS4 X38 00 -	S7C BS1 DS4 X38 00 IKS 4020
Extension encoder connection INS0629, 0665, 0719	S7C PS4 S7S X39 00 -	S7C BS1 S7S X39 00 IKS 4022
Adapter cable encoder connection INS0629, 0665, 0719	S7C PS4 S7E X40 00 -	S7C BS1 S7E X40 00 IKS 4021
Basic cable encoder connection INS0629, 0665, 0719	-	S7C B02 D23 X55 00 IKS 4132
Basic cable encoder connection RGS1000, RGS1003, RGS1004	S0B PG1 D03 X41 00 -	S0B B01 D03 X41 00 RKG 4200

Description	Fixed application (PVC)	Moving application (PUR)
Extension encoder connection RGS1000, RGS1003, RGS1004	S0B PG1 S0S X42 00 -	S0B B01 S0S X42 00 RKG 4201
Basic cable EnDat- Interface GDM/GDS 2.0	S7C PS4 D04 X43 00 -	S7C BS1 D04 X43 00 IKS 4142
Extension EnDat- Interface GDM/GDS 2.0	S7C PS4 S7S X44 00 -	S7C BS1 S7S X44 00 IKS 4191
Adapter cable EnDat- Interface GDM/GDS 2.0	S7C PS4 S7E X45 00 -	S7C BS1 S7E X45 00 IKS 4012
DiAx 04 Basic cable SSI- Interface	S2C PS5 D04 X46 00 -	S2C B03 D04 X46 00 IKS 4136
DiAx 04 Extension SSI- Interface	S2C PS5 S2S X47 00 -	S2C B03 S2S X47 00 IKS 4004
EcoDrive 03 Basic cable EnDat GDM/GDS 2.x	S7C PS4 D05 X48 00 -	S7C BS1 D05 X48 00 IKS 4001
EcoDrive 03 Extension EnDat GDM/GDS 2.x	S7C PS4 S7S X44 00 -	S7C BS1 S7S X44 00 IKS 4191
EcoDrive 03 Voltage signals 1Vss	-	S2F B02 D05 X49 00 IKS 4389
EcoDrive 03 Voltage signals 1Vss	-	S2C B02 D05 X50 00 IKS 4002
EcoDrive 03 Extension 1Vss	-	S2C B02 S2S X51 00 IKS 4388
DuraDrive Basic cable EnDat GDM/GDS 2.x	S7C PS4 D05 X52 00 -	S7C BS1 D05 X52 00 IKS 4038
DuraDrive Voltage signals 1Vss	-	S2F B02 D05 X53 00 IKS 4040
DuraDrive Voltage signals 1Vss	-	S2C B02 D05 X54 00 IKS 4041



Motor cable

Description	Dimension	Plug size	Fixed application (PVC)	Moving application (PUR)
Motor cable to RLS1100	4 x 1,0 + 2 x 2 x 0,75	1	S01 PM1 L03 X32 00 -	S01 B20 L03 X32 00 RKL 4302
Motor cable to RLS1100	4 x 1,0 + 2 x 2 x 0,75	1	S01 PM1 L02 X33 00 -	S01 B20 L02 X33 00 RKL 4303
Motor cable to RLS1100	4 x 1,5 + 2 x 2 x 0,75	1	S01 A12 L03 X35 00 -	S01 M10 L03 X35 00 RKL 4300
Motor cable to RLS1100	4 x 1,5 + 2 x 2 x 0,75	1	S01 A12 L02 X36 00 -	S01 M10 L02 X36 00 RKL 4301
Motor cable to RLS1200	4 x 1,5 + 2 x 2 x 0,75	1,5	C09 A12 L03 X18 00 -	C09 M10 L03 X18 00 RKL 4306
Motor cable to RLS1200	4 x 1,5 + 2 x 2 x 0,75	1,5	C09 A12 L02 X19 00 -	C09 M10 L02 X19 00 RKL 4307
Motor cable to RLS1200	4 x 2,5 + 2 x 2 x 1,0	1,5	C09 PM4 L03 X21 00 -	C09 B24 L03 X21 00 RKL 4308
Motor cable to RLS1200	4 x 2,5 + 2 x 2 x 1,0	1,5	C09 PM4 L02 X22 00 -	C09 B24 L02 X22 00 RKL 4309
Motor cable to RLS1200	4 x 2,5 + 2 x 2 x 1,0	1,5	C09 PM4 L04 X23 00 -	C09 B24 L04 X23 00 RKL 4310
Motor cable to RLS1200	4 x 4 + 2 x 1 + 2 x 1,5	1,5	C09 PM6 L03 X25 00 -	C09 B26 L03 X25 00 RKL 4313

Description	Dimension	Plug size	Fixed application (PVC)	Moving application (PUR)
Motor cable to RLS1200	4 x 4,0 + 2 x 1 + 2 x 1,5	1,5	C09 PM6 L02 X26 00 -	C09 B26 L02 X26 00 RKL 4314
Motor cable to RLS1200	4 x 4,0 + 2 x 1 + 2 x 1,5	1,5	C09 PM6 L04 X27 00 -	C09 B26 L04 X27 00 RKL 4315
Motor cable to RLS1200	4 x 6,0 + 2 x 1,0 + 2 x 1,5	1,5	C11 PM7 L02 X29 00 -	C11 B27 L02 X29 00 RKL 4317
Motor cable to RLS1200	4 x 6,0 + 2 x 1,0 + 2 x 1,5	1,5	C11 PM7 L04 X30 00 -	C11 B27 L04 X30 00 RKL 4318
Motor cable to RLS1300	4 x 1,5 + 2 x 2 x 0,75	2	C01 A12 L02 X01 00 -	C01 M10 L02 X01 00 RKL 4320
Motor cable to RLS1300	4 x 1,5 + 2 x 2 x 0,75	2	C01 A12 L03 X02 00 -	C01 M10 L03 X02 00 RKL 4325
Motor cable to RLS1300	4 x 2,5 + 2 x 2 x 1,0	2	C01 PM4 L02 X04 00 -	C01 B24 L02 X04 00 RKL 4321
Motor cable to RLS1300	4 x 2,5 + 2 x 2 x 1,0	2	C01 PM4 L03 X05 00 -	C01 B24 L03 X05 00 RKL 4326
Motor cable to RLS1300	4 x 4,0 + 2 x 1 + 2 x 1,5	2	C03 PM6 L02 X07 00 -	C03 B26 L02 X07 00 RKL 4322
Motor cable to RLS1300	4 x 4,0 + 2 x 1 + 2 x 1,5	2	C03 PM6 L03 X08 00 -	C03 B26 L03 X08 00 RKL 4327
Motor cable to RLS1300	4 x 6,0 + 2 x 1,0 + 2 x 1,5	2	C03 PM7 L02 X10 00 -	C03 B27 L02 X10 00 RKL 4323
Motor cable to RLS1300	4 x 6,0 + 2 x 1,0 + 2 x 1,5	2	C03 PM7 L03 X11 00 -	C03 B27 L03 X11 00 RKL 4328
Motor cable to RLS1300	4 x 10 + 2 x 1,0 + 2 x 1,5	2	C05 PM8 L02 X13 00 -	C05 B28 L02 X13 00 RKL 4324
Motor cable to RLS1300	4 x 10 + 2 x 1,0 + 2 x 1,5	2	C05 PM8 L04 X14 00 -	C05 B28 L04 X14 00 RKL 4329
Motor cable to RLS1300	4 x 16,0 + 2 x 2 x 1,5	2	C07 PM9 L04 X16 00 -	C07 B29 L04 X16 00 RKL 4330



Extension

Description	Dimension	Plug size	Fixed application (PVC)	Moving application (PUR)
Extension to RLS1100	4 x 1,0 + 2 x 2 x 0,75	1	S01 PM1 S02 X34 00 -	S01 B20 S02 X34 00 RKL 4305
Extension to RLS1100	4 x 1,5 + 2 x 2 x 0,75	1	S01 A12 S02 X37 00 -	S01 M10 S02 X37 00 RKL 4304
Extension to RLS1200	4 x 1,5 + 2 x 2 x 0,75	1,5	C09 A12 C10 X20 00 -	C09 M10 C10 X20 00 RKL 4311
Extension to RLS1200	4 x 2,5 + 2 x 2 x 1,0	1,5	C09 PM4 C10 X24 00 -	C09 B24 C10 X24 00 RKL 4312
Extension to RLS1200	4 x 4 + 2 x 1 + 2 x 1,5	1,5	C09 PM6 C10 X28 00 -	C09 B26 C10 X28 00 RKL 4316
Extension to RLS1200	4 x 6 + 2 x 1,0 + 2 x 1,5	1,5	C11 PM7 C12 X31 00 -	C11 B27 C12 X31 00 RKL 4319
Extension to RLS1300	4 x 1,5 + 2 x 2 x 0,75	2	C01 A12 C02 X03 00 -	C01 M10 C02 X03 00 RKL 4335
Extension to RLS1300	4 x 2,5 + 2 x 2 x 1,0	2	C01 PM4 C02 X06 00 -	C01 B24 C02 X06 00 RKL 4336
Extension to RLS1300	4 x 4 + 2 x 1 + 2 x 1,5	2	C03 PM6 C04 X09 00 -	C03 B26 C04 X09 00 RKL 4337
Extension to RLS1300	4 x 6 + 2 x 1,0 + 2 x 1,5	2	C03 PM7 C04 X12 00 -	C03 B27 C04 X12 00 RKL 4338
Extension to RLS1300	4 x 10 + 2 x 1,0 + 2 x 1,5	2	C05 PM8 C06 X15 00 -	C05 B28 C06 X15 00 RKL 4339
Extension to RLS1300	4 x 16 + 2 x 2 x 1,5	2	C07 PM9 C08 X17 00 -	C07 B29 C08 X17 00 RKL 4340

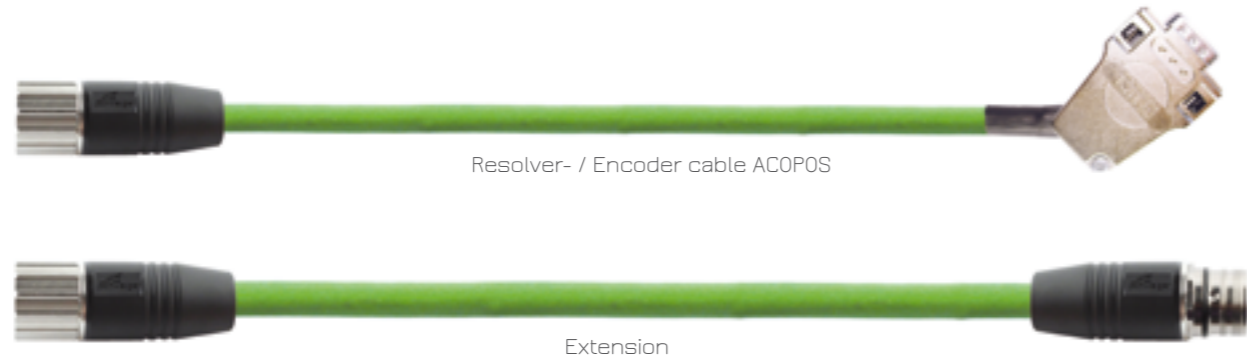


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Description	Moving application (PUR)
EnDat 2.1-Encoder cable ACOPOS	S7B MS5 D02 R01 00 8CE000.12-1
Resolver cable ACOPOS	S2B MS4 D01 R02 00 8CR000.12-1
Extension EnDAT 2.1-Encoder cable ACOPOS	S7B MS5 S7S R03 00 -
Extension resolver cable ACOPOS	S2B MS4 S2S R04 00 -
EnDat 2.1-Encoder cable ACOPOSmulti	S7D MS5 D02 R05 00 8BCE0000.1111A-0
Resolver cable ACOPOSmulti	S2D MS4 D01 R06 00 8BCR0000.1111A-0
Resolver cable SinCos ACOPOSmulti	S2D MS5 D02 R07 00 8BCS0000.1111A-0
Extension EnDAT 2.1-Encoder cable ACOPOSmulti	S7D MS5 S7S R08 00 8BCE0000.11120-0
Extension resolver cable ACOPOSmulti	S2D MS4 S2S R09 00 8BCR0000.11120-0
Extension resolver cable SinCos ACOPOSmulti	S2D MS5 S2S R10 00 8BCS0000.11120-0

Description	Dimension	Plug size	Fixed application (PVC)	Moving application (PUR)
Motor cable ACOPOS	4 x 0,75 + 2 x 2 x 0,35	1	-	S8B B22 000 R23 00 8CM000.12-0
Motor cable ACOPOS	4 x 1,5 + 2 x 2 x 0,75	1	S8B A12 000 R11 00 -	S8B M10 000 R11 00 8CM000.12-1
Motor cable ACOPOS	4 x 4 + 2 x 2 x 1	1	S8B PM5 000 R12 00 -	S8B B25 000 R12 00 8CM000.12-3
Motor cable ACOPOS	4 x 10 + 2 x 2 x 1,5	1,5	SAB A13 000 R13 00 -	SAB M28 000 R13 00 8CM000.12-5
Motor cable ACOPOSmulti	4 x 0,75 + 2 x 2 x 0,35	1	-	S8D B22 000 R24 00 8BCM0000.1011A-0
Motor cable ACOPOSmulti	4 x 1,5 + 2 x 2 x 0,75	1	S8D A12 000 R17 00 -	S8D M10 000 R17 00 8BCM0000.1111A-0
Motor cable ACOPOSmulti	4 x 4 + 2 x 2 x 1	1	S8D PM5 000 R18 00 -	S8D B25 000 R18 00 8BCM0000.1312A-0
Motor cable ACOPOSmulti	4 x 4 + 2 x 2 x 1	1,5	C8D PM5 000 R25 00 -	C8D B25 000 R25 00 8BCM0000.1322A-0
Motor cable ACOPOSmulti	4 x 10 + 2 x 2 x 1,5	1,5	C8D A13 000 R19 00 -	C8D M28 000 R19 00 8BCM0000.1523A-0



Extension

Description	Dimension	Plug size	Fixed application (PVC)	Moving application (PUR)
Extension ACOPOS	4 x 0,75 + 2 x 2 x 0,35	1	-	S8B B22 S8S R26 00 -
Extension ACOPOS	4 x 1,5 + 2 x 2 x 0,75	1	S8B A12 S8S R14 00 -	S8B M10 S8S R14 00 -
Extension ACOPOS	4 x 4 + 2 x 2 x 1	1	S8B PM5 S8S R15 00 -	S8B B25 S8S R15 00 -
Extension ACOPOS	4 x 10 + 2 x 2 x 1,5	1,5	SAB A13 SAS R16 00 -	SAB M28 SAS R16 00 -
Extension ACOPOSmulti	4 x 0,75 + 2 x 2 x 0,35	1	-	S8D B22 S8S R27 00 -
Extension ACOPOSmulti	4 x 1,5 + 2 x 2 x 0,75	1	S8D A12 S8S R20 00 -	S8D M10 S8S R20 00 8BCM0000.11140-0
Extension ACOPOSmulti	4 x 4 + 2 x 2 x 1	1	S8D PM5 S8S R21 00 -	S8D B25 S8S R21 00 8BCM0000.13140-0
Extension ACOPOSmulti	4 x 4 + 2 x 2 x 1	1,5	C8D PM5 C8S R25 00 -	C8D B25 C8S R25 00 -
Extension ACOPOSmulti	4 x 10 + 2 x 2 x 1,5	1,5	C8D A13 C8S R22 00 -	C8D M28 C8S R22 00 8BCM0000.15250-0

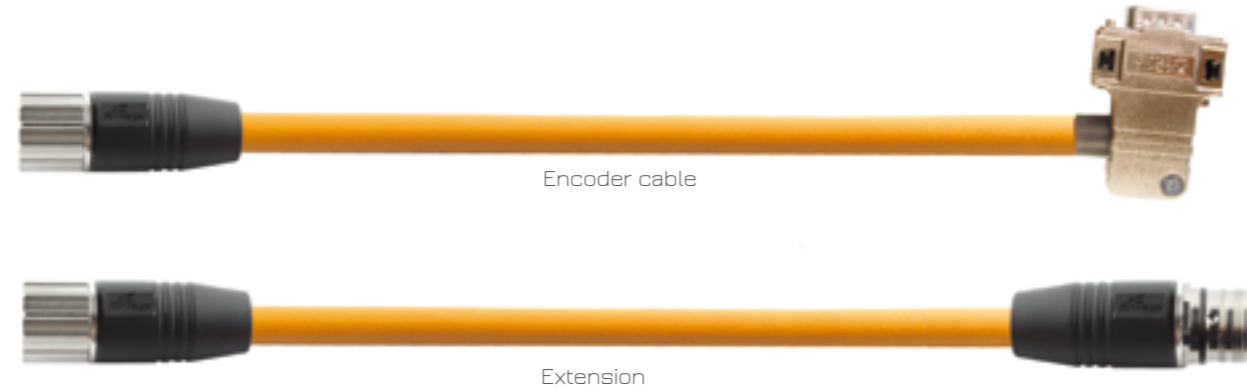


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Description	Fixed application (PVC)	Moving application (PUR)
Encoder cable SM Sincos E-FB-070	-	S2B B01 D9G E01 00 15154214
Encoder cable E-FB-080	-	S2B B01 D9G E02 00 15154 223
Extension encoder cable E-FB-032	-	S2B B01 S2S E03 00 15152 010
Encoder cable E-FB-090	-	S2B S04 Y32 E13 00 -
Encoder cable E-FB-094	-	S2B S04 Y31 E14 00 -

Description	Dimension	Plug size	Fixed application (PVC)	Moving application (PUR)
Motor cable E-M0-086	4 x 1,5 + 2 x 2 x 0,75	1	S8B A12 000 E09 00 -	S8B M10 000 E09 00 15154116
Motor cable E-M0-111	4 x 1,5 + 2 x 2 x 0,75	1	S8B A12 000 E04 00 -	S8B M10 000 E04 00 15154127
Motor cable E-M0-112	4 x 2,5 + 2 x 2 x 1	1	S8B PM4 000 E05 00 -	S8B B24 000 E05 00 15154128
Motor cable E-M0-113	4 x 2,5 + 2 x 2 x 1	1,5	SAB PM4 000 E06 00 -	SAB B24 000 E06 00 15154129
Motor cable E-M0-116	4 x 4 + 2 x 2 x 1	1,5	SAB PM5 000 E06 00 -	SAB B25 000 E06 00 15154132
Motor cable E-M0-114	4 x 10 + 2 x 2 x 1,5	1,5	SAB A13 000 E06 00 -	SAB M28 000 E06 00 15154130



Extension

Description	Dimension	Plug size	Fixed application (PVC)	Moving application (PUR)
Extension to E-MO-111	4 x 1,5 + 2 x 2 x 0,75	1	S8B A12 S8S E10 00 -	S8B M10 S8S E10 00 15150316
Extension to E-MO-112	4 x 2,5 + 2 x 2 x 1	1	S8B PM4 S8S E11 00 -	S8B B24 S8S E11 00 -
Extension to E-MO-113	4 x 2,5 + 2 x 2 x 1	1,5	SAB PM4 SAS E06 00 -	SAB B24 SAS E06 00 -
Extension to E-MO-116	4 x 4 + 2 x 2 x 1	1,5	SAB PM5 SAS E06 00 -	SAB B25 SAS E06 00 -
Extension to E-MO-114	4 x 10 + 2 x 2 x 1,5	1,5	SAB A13 SAS E06 00 -	SAB M28 SAS E06 00 -

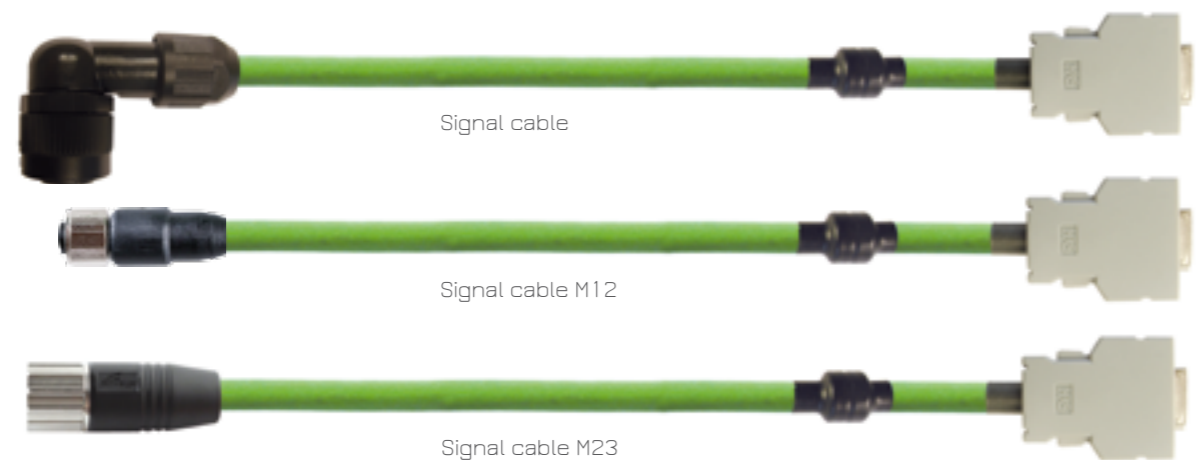


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Signal cable

Signal cable M12

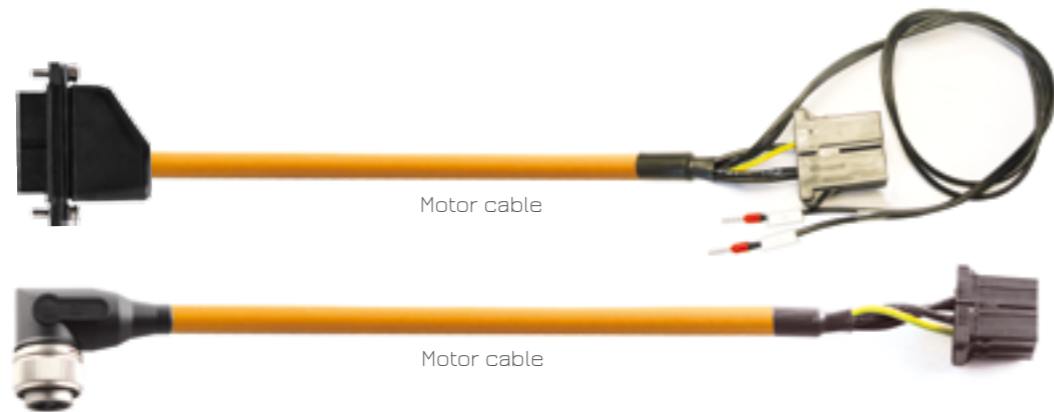
Signal cable M23

Description	Moving application (PUR)
Signal cable	JDF F02 LB1 F69 00
Signal cable	G01 MS0 JDF F65 00
Signal cable angled	G0B MS0 JDF F03 00
Signal cable motor extension insert M23	S2S F02 G03 F63 00
Signal cable angled motor extension insert M23	S2S F02 G02 F09 00
Signal cable linear scale for HDH M12	JDF F02 U8B FB5 00
Extension signal cable linear scale for HDH M12	U8B F02 U8S FB6 00
Signal cable M23 cabinet extension insert	S2B F06 JDF F39 00
Spindle signal cable	JIF F01 LBB F82 00
External measuring system signal cable linear scale S16/18	S2C F01 JIF F38 00
External measuring system signal cable linear scale recirculation	S2C F01 JDF F42 00
External measuring system signal cable linear scale S16/18	S2C F06 JIF F36 00
External measuring system signal cable linear scale recirculation	S2C F06 JIF F37 00
External measuring system spindle signal cable linear scale ERM 180	S7C F06 JIF F29 00
External measuring system signal cable linear scale spindle	S2C F01 JIF F34 00
External measuring system signal cable linear scale	S7B F01 DFF 40 00
Interface signal cable	JIF F01 GDF F83 00



Brake cable

Motor	Brake cable	Description	Dimension
B0,4/5000is B0,5/5000is B1/5000is	J4D ALF 000 F70 00	Angled	3 x 0,75
	J4C ALF 000 F71 00	Straight	3 x 0,75
	K41 ALF 000 F64 00	Straight	3 x 0,75
A2/5000HVis A4/5000HVis A1/5000i A2/5000i A2/5000is A4/5000is B8/3000is B12/3000is A8/4000is A12/4000is A4/4000i A8/3000i A8/4000HVis A12/4000HVis A4/4000Hvi A8/3000Hvi B22/2000is A12/3000i A22/3000i A12/3000Hvi A22/3000Hvi A22/4000HVis A30/4000HVis A40/3000HVis	K4F ALF 000 F04 00	Angled	3 x 0,75

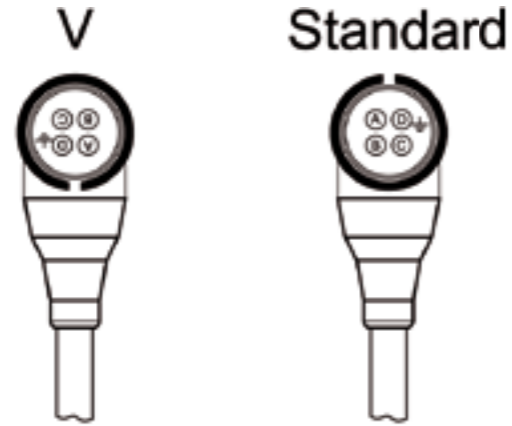


Motor cable

Motor cable

Motor	Moving application (PUR)	Description/Plug size	Dimension
B0,2/5000is B0,3/5000is	L6A F04 L6B F76 00	Open straight	6 x 1
B0,4/5000is B0,5/5000is B1/5000is	L4B M0G J4B F75 00	Open angled	4 x 1
	L4B M0G J4A F74 00	Open straight	4 x 1
B2/4000is B4/4000is A2/5000HVis A4/5000HVis A1/5000i A2/5000i A2/5000is A4/5000is	L4B MLG SNM F73 00	Open straight	6 x 1
	L4B MLG SNM F72 00	Open straight	6 x 1
	S8S MLG SNM F81 00	Extension insert motor straight	6 x 1
	S8B MLG L4B F80 00	Extension insert cabinet straight	6 x 1
B8/3000is B12/3000is A8/4000is A12/4000is A4/4000i A8/3000i A8/4000HVis A12/4000HVis A4/4000HVi A1/3000HVi	S4F M02 L4B F44 00	18-10 straight	4 x 2,5
	S4F M02 L4B F07 00	18-10 angled	4 x 2,5
	S4F M02 S8S F48 00	Extension insert motor straight	4 x 2,5
	S4B M02 S8S F12 00	Extension insert motor angled	4 x 2,5
	S8B M02 L4B F78 00	Extension insert cabinet straight	4 x 2,5

Motor	Moving application (PUR)	Description/Plug size	Dimension
B22/2000is A12/3000is A22/3000i A12/3000HVi A22/3000HVi A22/4000HVis A30/4000HVis A40/3000HVis A12/3000i A22/3000i	S4H M03 L4B F59 00	22-22 straight	4 x 4
	S4H M03 L4B F08 00	22-22 angled	4 x 4
	S4H M03 C8S F57 00	Extension insert motor 22-22 straight	4 x 4
	S4D M03 C8S F56 00	Extension insert motor 22-22 angled	4 x 4
	C8D M03 L4B F79 00	Extension insert cabinet straight	4 x 4
A30/3000i A40/3000i A22/4000is A30/4000is A40/4000is	S4B M06 L4B F60 00	22-22 straight	4 x AWG8
	C4A M06 L4B F58 00	22-22 angled	4 x AWG8
A50/3000HVis	C4B M06 000 F54 00	22-22 straight	4 x AWG8
	C4A M06 000 F15 00	22-22 angled	4 x AWG8
A100/2500is A150/2000is	000 M08 000 F67 00	open	4 x 16
A300/2000is A200/2500HVis A300/2000HVis	000 M07 000 F68 00	open	4 x 25
A100/2500HVis	000 M05 000 F66 00	open	4 x 10



Drawing 18-10 angled



Drawing 22-22 angled

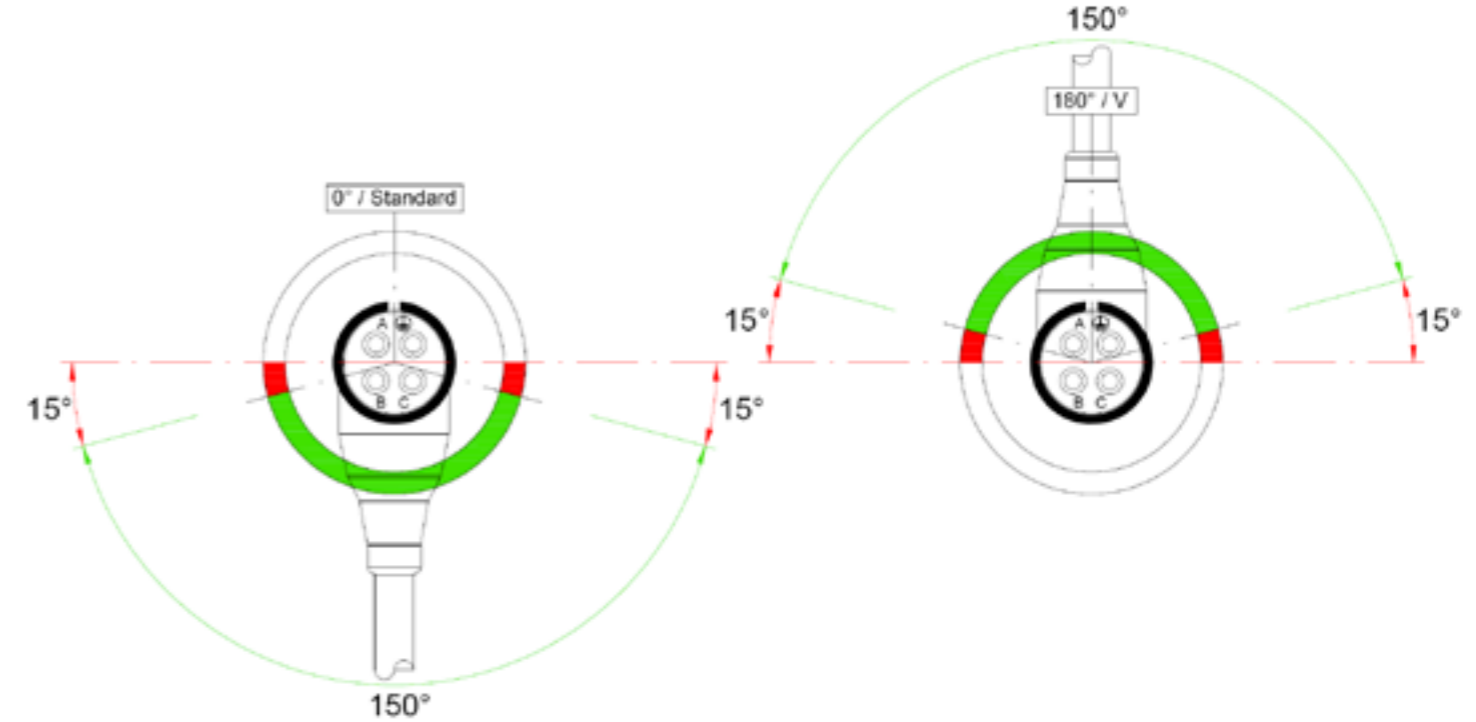


STANDARD

Note:
All assemblies ordered in this coding-range should be named 0° in the ordering document.

180° TWISTED (ENDING - V)

Note:
All assemblies ordered in this coding-range should be named 180° in the ordering document.



Green area: Total maximum rotatable angle
Red area: Technically not possible range



Connecting cable M23

Description	Dimension	Plug size	Moving application (PUR)
Connecting cable 1Vss	4 x 2 x 0,14 + 4 x 0,14 + 4 x 0,5	M23 signal	S7C S13 D10 H0100 289440
Extension 12-pin M23, 1Vss, TTL	4 x 2 x 0,14 + 4 x 0,5	M23 signal	S2C S07 S2E H02 00 298399
Extension 12-pin M23	4 x 2 x 0,14 + 4 x 0,5	M23 signal	S2C S07 S2S D01 00 298401
Connecting cable 12-pin M23, 1Vss, TTL	4 x 2 x 0,14 + 4 x 0,5	M23 signal	S2C S07 000 H03 00 309777
Connecting cable ECN 223F/M	4 x 2 x 0,14 + 4 x 0,14 + 4 x 0,5	M23 signal	S7C S13 000 H04 00 309778
Connecting cable 17-pin M23	4 x 2 x 0,14 + 4 x 0,5	M23 signal	S7C S07 000 H05 00 309779
Connecting cable 12-pin M23 on D-Sub 15-pin	4 x 2 x 0,14 + 4 x 0,5	M23 signal	S2C S07 D45 H06 00 310199
Extension 17-pin M23	4 x 2 x 0,14 + 4 x 0,14 + 4 x 0,5	M23 signal	S7C S13 S7S H07 00 323897
Connecting cable for IK115_IK215	4 x 2 x 0,14 + 4 x 0,14 + 4 x 0,5	M23 signal	S7C S13 D37 H08 00 324544
Connecting cable D-Sub 15-pin on 12-pin M23	4 x 2 x 0,14 + 4 x 0,5	M23 signal	S2E S07 D45 H09 00 331693
Connecting cable for IK220	4 x 2 x 0,14 + 4 x 0,14 + 4 x 0,5	M23 signal	S7C S13 D45 H100 0 332115
Connecting cable D-Sub 15-pin, 1Vss, TTL	4 x 2 x 0,14 + 4 x 0,5	Sub-D	D45 S07 000 H11 00 332433
Extension D-Sub 15-pin, 1Vss, TTL	4 x 2 x 0,14 + 4 x 0,5	Sub-D	D45 S07 D24 H12 00 335074
Extension for IK220	4 x 2 x 0,14 + 4 x 0,5	Sub-D	D45 S07 D45 H13 00 335077
Connecting cable EnDat	4 x 2 x 0,14 + 4 x 0,14 + 4 x 0,5	M23 signal	S7C S13 D10 H14 00 336376
Extension ECN 223F/M	3 x 2 x 0,14 + 6 x 1,0	M23 signal	S7C F06 S7S H15 00 349314

Description	Dimension	Plug size	Moving application (PUR)
Motor cable	4 x 1,5	1	S6B M01 000 H16 00 352960
Motor cable	4 x 4 + 2 x 1,5	1,5	SSB M13 000 H17 00 352963
Extension D-Sub 15-pin, 1Vss, TTL	4 x 2 x 0,14 + 4 x 0,14 + 4 x 0,5	Sub-D	D45 S13 D24 H18 00 354379
Connecting cable D-Sub 15-pin, 1Vss, TTL	4 x 2 x 0,14 + 4 x 0,14 + 4 x 0,5	Sub-D	D45 S13 000 H19 00 354411
Extension 8-pin M12, EnDat	4 x 0,14 + 4 x 0,34	M12	K4G MSB K7A H20 00 368330
Connecting cable 8-pin M12 Angle socket - 8-pin straight, EnDat	4 x 0,14 + 4 x 0,34	M12	K11 PMS BK7 AH2 100 373289
ECN 225 EnDat 2.2 connecting cable for IK115_IK215	4 x 0,14 + 4 x 0,34	M12	K4G MSB D37 H22 00 524599
ECN 225 EnDat 2.2 connecting cable for IK220	4 x 0,14 + 4 x 0,34	M12	K4G MSB D69 H23 00 533627
Connecting cable 17-pin M23 on 20-pin for Fanuc	3 x 2 x 0,14 + 6 x 1,0	M23 signal	S7B F06 JIF 001 HD 534855
ECN 225 EnDat 2.2 connecting cable	4 x 0,14 + 4 x 0,34	M12	K4G MSB 000 H24 00 559346
Connecting cable 8-pin M12 on 17-pin M23, Fanuc	4 x 0,14 + 4 x 0,34	M23 signal	S7S MSB K4G H25 00 582333
Connecting cable 8-pin M12 Angle socket	4 x 0,14 + 4 x 0,34	M12	K11 MSB 000 H26 00 606317
EIB192 Connecting cable	4 x 0,14 + 4 x 0,34	M12	K4G MSB 000 H27 00 634265
Connecting cable 8-pin M12 on 20-pin for Fanuc	4 x 0,14 + 4 x 0,34	M12	K4G MSB JIF H28 00 646807
Connecting cable 8-pin M12 Angle socket on D-Sub 15-pin	4 x 0,14 + 4 x 0,34	M12	K11 MSB D37 H29 00 722025

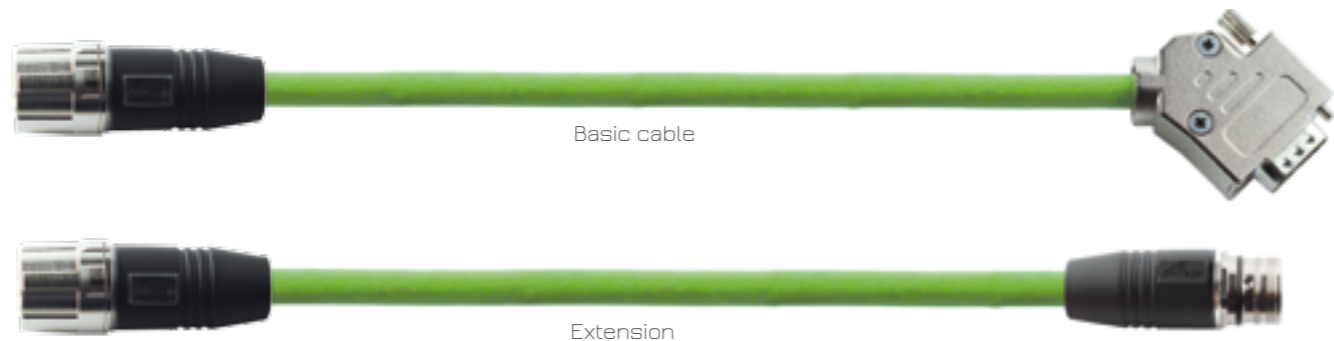


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Description	Fixed application (PVC)	Moving application (PUR)
Basic cable high resolution or resolver (CE)	S7D ASC D32 R01 00 2090-CFBM7DD - CEAA	S7D MSC D32 R01 00 2090-CFBM7DD - CEAF
Basic cable open ended (DF) high resolution or incremental (CD)	-	S7D S12 000 R07 00 2090-CFBM7DF - CDAF
Basic cable open ended (DF) high resolution or resolver (CE)	S7D ASC 000 R02 00 2090-CFBM7DF - CEAA	S7D MSC 000 R02 00 2090-CFBM7DF - CEAF
Extension to basic cable (DF) high resolution or incremental (CD)	-	S7D S12 S7Q R08 00 2090-CFBM7E7 - CDAF
Extension to basic cable high resolution or resolver (CE)	S7D ASC S7Q R05 00 2090-CFBM7E7 - CEAA	S7D MSC S7Q R05 00 2090-CFBM7E7 - CEAF

Description	Dimension	Plug size	Fixed application (PVC)	Moving application (PUR)
Kinetix Single Motor cable	4 x 1,0 + 2 x 0,75 + 2 x AWG22	1	SRB PS6 JRK R20 00 2090-CSBM1DE - 18AA	SRB M25 JRK R20 00 2090-CSBM1DE - 18AF
Kinetix Single Motor cable	4 x 2,5 + 2 x 1,0 + 2 x AWG22	1	SRB PS8 JRK R21 00 2090-CSBM1DE - 14AA	SRB M27 JRK R21 00 2090-CSBM1DE - 14AF
Kinetix Single Motor cable	4 x 6 + 2 x 1,0 + 2 x AWG22	1,5	C14 PT2 JRK R22 00 2090-CSBM1DE - 10AA	C14 M31 JRK R22 00 2090-CSBM1DE - 10AF
Kinetix Single Motor cable	4 x 1,0 + 2 x 0,75 + 2 x AWG22	1	SRB PS6 000 R23 00 2090-CSBM1DF - 18AA	SRB M25 000 R23 00 2090-CSBM1DF - 18AF
Kinetix Single Motor cable	4 x 2,5 + 2 x 1,0 + 2 x AWG22	1	SRB PS8 000 R24 00 2090-CSBM1DF - 14AA	SRB M27 000 R24 00 2090-CSBM1DF - 14AF
Kinetix Single Motor cable	4 x 6 + 2 x 1,0 + 2 x AWG22	1,5	C14 PT2 000 R25 00 2090-CSBM1DF - 10AA	C14 M31 000 R25 00 2090-CSBM1DF - 10AF
Kinetix Single Motor cable	4 x 1,0 + 2 x 0,75 + 2 x AWG22	1	SRB PS6 000 R26 00 2090-CSBM1DG - 18AA	SRB M25 000 R26 00 2090-CSBM1DG - 18AF
Kinetix Single Motor cable	4 x 2,5 + 2 x 1,0 + 2 x AWG22	1	SRB PS8 000 R27 00 2090-CSBM1DG - 14AA	SRB M27 000 R27 00 2090-CSBM1DG - 14AF
Kinetix Single Motor cable	4 x 6 + 2 x 1,0 + 2 x AWG22	1,5	C14 PT2 000 R28 00 2090-CSBM1DG - 10AA	C14 M31 000 R28 00 2090-CSBM1DG - 10AF
Kinetix Motor cable without brake	4 x 1,5	1	SRB A02 000 R06 00 2090-CPWM7DF - 16AA	SRB M01 000 R06 00 2090-CPWM7DF - 16AF
Kinetix Motor cable without brake	4 x 2,5	1	SRB P22 000 R29 00 2090-CPWM7DF - 14AA	SRB M02 000 R29 00 2090-CPWM7DF - 14AF

Description	Dimension	Plug size	Fixed application (PVC)	Moving application (PUR)
Kinetix Motor cable without brake	4 x 4	1	SRB P23 000 R30 00 2090-CPWM7DF - 12AA	SRB M03 000 R30 00 2090-CPWM7DF - 12AF
Kinetix Motor cable without brake	4 x 6	1,5	C8D P24 000 M00 00 2090-CPWM7DF - 10AA	C8D M04 000 M00 00 2090-CPWM7DF - 10AF
Kinetix Motor cable without brake	4 x 10	1,5	C8D P25 000 R31 00 2090-CPWM7DF - 08AA	C8D M05 000 R31 00 2090-CPWM7DF - 08AF
Kinetix Motor cable with brake	4 x 1,5 + 2 x 1,5	1	SRB P11 000 R09 00 2090-CPBM7DF - 16AA	SRB M11 000 R09 00 2090-CPBM7DF - 16AF
Kinetix Motor cable with brake	4 x 2,5 + 2 x 1,5	1	SRB P12 000 R10 00 2090-CPBM7DF - 14AA	SRB M12 000 R10 00 2090-CPBM7DF - 14AF
Kinetix Motor cable with brake	4 x 4 + 2 x 1,5	1	SRB P13 000 R32 00 2090-CPBM7DF - 12AA	SRB M13 000 R32 00 2090-CPBM7DF - 12AF
Kinetix Motor cable with brake	4 x 6 + 2 x 1,5	1,5	C8D P14 000 M00 00 2090-CPBM7DF - 10AA	C8D M14 000 M00 00 2090-CPBM7DF - 10AF
Kinetix Motor cable with brake	4 x 10 + 2 x 1,5	1,5	C8D P15 000 R33 00 2090-CPBM7DF - 08AA	C8D M15 000 R33 00 2090-CPBM7DF - 08AF
Kinetix Motor cable with brake	4 x 16 + 2 x 1,5	1,5	C8D P18 000 R34 00 2090-CPBM7DF - 06AA	C8D M18 000 R34 00 2090-CPBM7DF - 06AF
Kinetix Motor cable with brake	4 x 25 + 2 x 1,5	3	C3B P19 000 R35 00 2090-CPBM7DF - 04AA	C3B M19 000 R35 00 2090-CPBM7DF - 04AF
Kinetix Motor cable with brake	4 x 35 + 2 x 1,5	3	C3B P32 000 R36 00 2090-CPBM7DF - 02AA	C3B M32 000 R36 00 2090-CPBM7DF - 02AF



Kinetix Extension

Description	Dimension	Plug size	Fixed application (PVC)	Moving application (PUR)
Kinetix Extension with brake	4 x 1,5 + 2 x 1,5	1	SRB P11 SRS R04 00 2090-CPBM7E7 - 16AA	SRB M11 SRS R04 00 2090-CPBM7E7 - 16AF
Kinetix Extension with brake	4 x 2,5 + 2 x 1,5	1	SRB P12 SRS R11 00 2090-CPBM7E7 - 14AA	SRB M12 SRS R11 00 2090-CPBM7E7 - 14AF
Kinetix Extension with brake	4 x 4 + 2 x 1,5	1	SRB P13 SRS R37 00 2090-CPBM7E7 - 12AA	SRB M13 SRS R37 00 2090-CPBM7E7 - 12AF
Kinetix Extension with brake	4 x 6 + 2 x 1,5	1,5	C8D P14 CBS R38 00 2090-CPBM7E7 - 10AA	C8D M14 CBS R38 00 2090-CPBM7E7 - 10AF
Kinetix Extension with brake	4 x 10 + 2 x 1,5	1,5	C8D P15 CBS R39 00 2090-CPBM7E7 - 08AA	C8D M15 CBS R39 00 2090-CPBM7E7 - 08AF
Kinetix Extension with brake	4 x 16 + 2 x 1,5	1,5	C8D P18 CBS R40 00 2090-CPBM7E7 - 06AA	C8D M18 CBS R40 00 2090-CPBM7E7 - 06AF
Kinetix Extension with brake	4 x 25 + 2 x 1,5	3	C3B P19 C3S R41 00 2090-CPBM7E7 - 04AA	C3B M19 C3S R41 00 2090-CPBM7E7 - 04AF
Kinetix Extension with brake	4 x 35 + 2 x 1,5	3	C3B P32 C3S R42 00 2090-CPBM7E7 - 02AA	C3B M32 C3S R42 00 2090-CPBM7E7 - 02AF
Kinetix Single Extension	4 x 1,0 + 2 x 0,75 + 2 x AWG22	1	SRB PS6 SRS R43 00 2090-CSBM1E1 - 18AA	SRB M25 SRS R43 00 2090-CSBM1E1 - 18AF
Kinetix Single Extension	4 x 2,5 + 2 x 1,0 + 2 x AWG22	1	SRB PS8 SRS R44 00 2090-CSBM1E1 - 14AA	SRB M27 SRS R44 00 2090-CSBM1E1 - 14AF
Kinetix Single Extension	4 x 6 + 2 x 1,0 + 2 x AWG22	1,5	C14 PT2 C15 R45 00 2090-CSBM1E1 - 10AA	C14 M31 C15 R45 00 2090-CSBM1E1 - 10AF

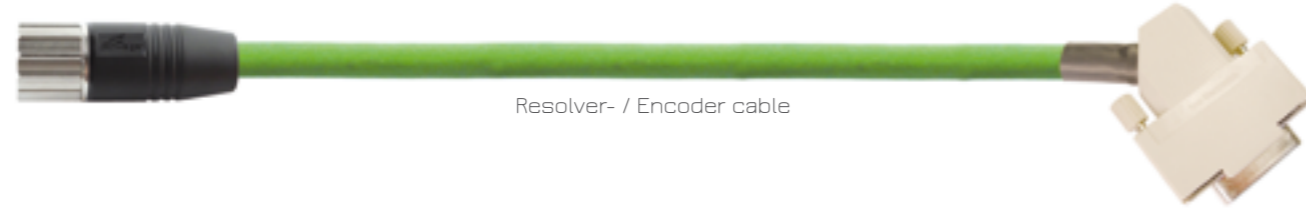


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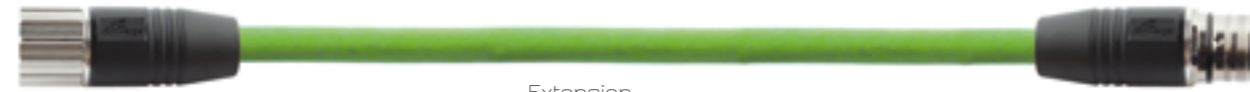
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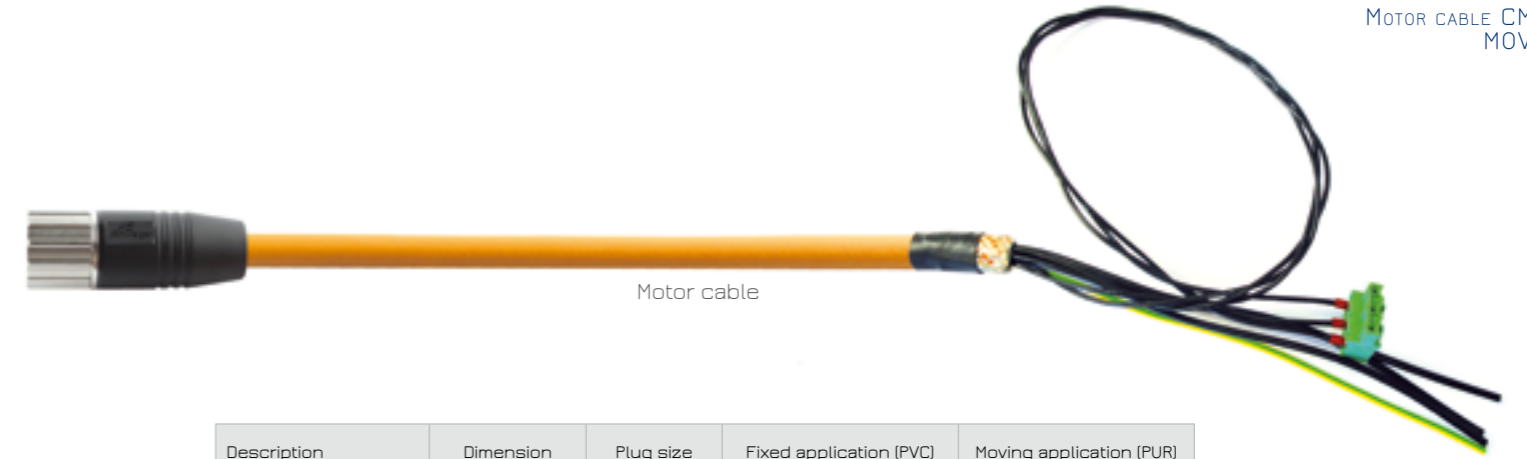


Resolver- / Encoder cable



Extension

Description	Fixed application (PVC)	Moving application (PUR)
Resolver cable RH.M für MOVIDRIVE	S2B ASD DS1 W08 00 0199 4875	S2B NSC DS1 W08 00 0199 3194
Resolver cable RH.M für MOVIAXIS	S2B ASD DS2 W03 00 1332 7429	S2B NSC DS2 W03 00 1332 7437
Extension resolver cable RH.M	S2B ASD S2S W05 00 0199 5421	S2B NSC S2S W05 00 0199 5413
Hiperface-Encoder cable	S2B ASC DS2 W02 00 1332 4535	S2B MSC DS2 W02 00 1332 4551
Extension for Hiperface-Encoder cable	S2B ASC S2S W04 00 0199 5391	S2B MSC S2S W04 00 0199 5405



Motor cable

Description	Dimension	Plug size	Fixed application (PVC)	Moving application (PUR)
Motor cable CMP	4 x 1,5	1	S8B A02 000 W09 00 0590 4544	S8B M01 000 W09 00 0590 6245
Motor cable CMP	4 x 2,5	1	S8B P22 000 W10 00 0590 4552	S8B M02 000 W10 00 0590 6253
Motor cable CMP	4 x 4	1	S8B P23 000 W11 00 0590 4560	S8B M03 000 W11 00 0590 4803
Motor cable CMP	4 x 6	1,5	SAB P24 000 W12 00 1335 0269	SAB M04 000 W12 00 1335 0293
Motor cable CMP	4 x 10	1,5	SAB P25 000 W13 00 1335 0277	SAB M05 000 W13 00 1335 0307
Motor cable CMP	4 x 16	1,5	SAB P28 000 W14 00 1335 0285	SAB M08 000 W14 00 1335 0315
Motor cable CMP-BP	4 x 1,5 + 3 x 1	1	S8B A01 000 W45 00 1335 4345	S8B N10 000 W36 00 1335 4388
Motor cable CMP-BP	4 x 2,5 + 3 x 1	1	S8B A14 000 W37 00 1335 4353	S8B M20 000 W37 00 1335 4396
Motor cable CMP-BP	4 x 4 + 3 x 1	1	S8B A03 000 W38 00 1335 4361	S8B M21 000 W38 00 1335 1603
Motor cable CMP-BP	4 x 6 + 3 x 1,5	1,5	SAB A04 000 W39 00 1335 0196	SAB M22 000 W39 00 1335 0234

Continuation next page →



Extension

Description	Dimension	Plug size	Fixed application (PVC)	Moving application (PUR)
Motor cable CMP-BP	4 x 10 + 3 x 1,5	1,5	SAB A05 000 W40 00 1335 0218	SAB M23 000 W40 00 1335 0242
Motor cable CMP-BP	4 x 16 + 3 x 1,5	1,5	SAB A11 000 W41 00 1335 0226	SAB M24 000 W41 00 1335 0250
Motor cable CMP-BY	4 x 1,5 + 3 x 1	1	SBB A01 L01 W22 00 1335 4272	SBB N10 L01 W22 00 1335 4302
Motor cable CMP-BY	4 x 2,5 + 3 x 1	1	SBB A14 L01 W23 00 1335 4280	SBB M20 L01 W23 00 1335 4310
Motor cable CMP-BY	4 x 4 + 3 x 1	1	SBB A03 L01 W24 00 1335 4299	SBB M21 L01 W24 00 1335 4329
Motor cable CMP-BY	4 x 6 + 3 x 1,5	1,5	SAB A04 L01 W25 00 1335 0129	SAB M22 L01 W25 00 1335 0153
Motor cable CMP-BY	4 x 10 + 3 x 1,5	1,5	SAB A05 L01 W26 00 1335 0137	SAB M23 L01 W26 00 1335 0161
Motor cable CMP-BY	4 x 16 + 3 x 1,5	1,5	SAB A11 L01 W27 00 1335 0145	SAB M24 L01 W27 00 1335 0188
Motor cable MOVIAXIS	4 x 1,5 + 3 x 1 nk	1	SBB P10 000 W00 00 1332 4853	SBB N10 000 W00 00 1333 1221
Motor cable MOVIAXIS	4 x 2,5 + 3 x 1 nk	1	SBB P11 000 W06 00 1333 2139	SBB N11 000 W06 00 1333 2155
Motor cable MOVIAXIS	4 x 4 + 3 x 1 nk	1	SBB P12 000 W42 00 1333 2147	SBB N12 000 W42 00 1333 2163

Description	Dimension	Plug size	Fixed application (PVC)	Moving application (PUR)
Extension CMP	4 x 1,5	1	SBB A02 S8S W16 00 -	SBB M01 S8S W16 00 1333 2457
Extension CMP	4 x 2,5	1	SBB P22 S8S W17 00 -	SBB M02 S8S W17 00 1333 2465
Extension CMP	4 x 4	1	SBB P23 S8S W18 00 -	SBB M03 S8S W18 00 1333 2473
Extension CMP	4 x 6	1,5	SAB P24 SAS W19 00 -	SAB M04 SAS W19 00 1335 0021
Extension CMP	4 x 10	1,5	SAB P25 SAS W20 00 -	SAB M05 SAS W20 00 1335 0048
Extension CMP	4 x 16	1,5	SAB P28 SAS W21 00 -	SAB M08 SAS W21 00 1335 0056
Extension BP and BY	4 x 1,5 + 3 x 1	1	SBB A01 S8S W30 00 -	SBB N10 S8S W30 00 1335 4221
Extension BP and BY	4 x 2,5 + 3 x 1	1	SBB A14 S8S W31 00 -	SBB M20 S8S W31 00 1335 4248
Extension BP and BY	4 x 4 + 3 x 1	1	SBB A03 S8S W32 00 -	SBB M21 S8S W32 00 1335 4337
Extension BP and BY	4 x 6 + 3 x 1,5	1,5	SAB A04 SAS W33 00 -	SAB M22 SAS W33 00 1335 0099
Extension BP and BY	4 x 10 + 3 x 1,5	1,5	SAB A05 SAS W34 00 -	SAB M23 SAS W34 00 1335 0102
Extension BP and BY	4 x 16 + 3 x 1,5	1,5	SAB A11 SAS W35 00 -	SAB M24 SAS W35 00 1335 0110
Extension MOVIAXIS	4 x 1,5 + 3 x 1 nk	1	SBB P10 S8S W01 00 -	SBB N10 S8S W01 00 1333 2481
Extension MOVIAXIS	4 x 2,5 + 3 x 1 nk	1	SBB P11 S8S W43 00 -	SBB N11 S8S W43 00 1333 2503
Extension MOVIAXIS	4 x 4 + 3 x 1 nk	1	SBB P12 S8S W44 00 -	SBB N12 S8S W44 00 1333 2511



Basic cable, motor measuring systems - 2DC10

Cabinet extension insert- M23, RJ45

Extension, motor measuring systems

Motor extension insert - M23, RJ45

Description	Fixed application (PVC)	Highly moving application (PUR)	Torsion application (PUR)
Basic cable RJ45/IP20, RJ45/IP20 - RJ45/IP20	Y20 PK1 Y20 C79 00 6FX 5002-2DC00	Y20 NK1 Y20 C79 00 6FX 8002-2DC00	Y20 OK1 Y20 C79 00 -
Basic cable, motor measuring systems, RJ45/IP67 - RJ45/IP20	Y67 PK1 Y20 C80 00 6FX 5002-2DC10	Y67 NK1 Y20 C80 00 6FX 8002-2DC10	Y67 OK1 Y20 C80 00 -
Basic cable RJ45/IP67, RJ45/IP67 - RJ45/IP67	Y67 PK1 Y67 C81 00 6FX 5002-2DC20	Y67 NK1 Y67 C81 00 6FX 8002-2DC20	Y67 OK1 Y67 C81 00 -
Cabinet extension insert M23, M23/RJ45 - RJ45/IP20	SYS PK1 Y20 C8C 00 -	SYS NK1 Y20 C8C 00 -	SYS OK1 Y20 C8C 00 -
Extension M23, M23/RJ45 - M23/RJ45	SYS PK1 SYB C8A 00 -	SYS NK1 SYB C8A 00 -	SYS OK1 SYB C8A 00 -
Motor extension insert M23, RJ45/IP67 - M23/RJ45	Y67 PK1 SYB C8B 00 -	Y67 NK1 SYB C8B 00 -	Y67 OK1 SYB C8B 00 -



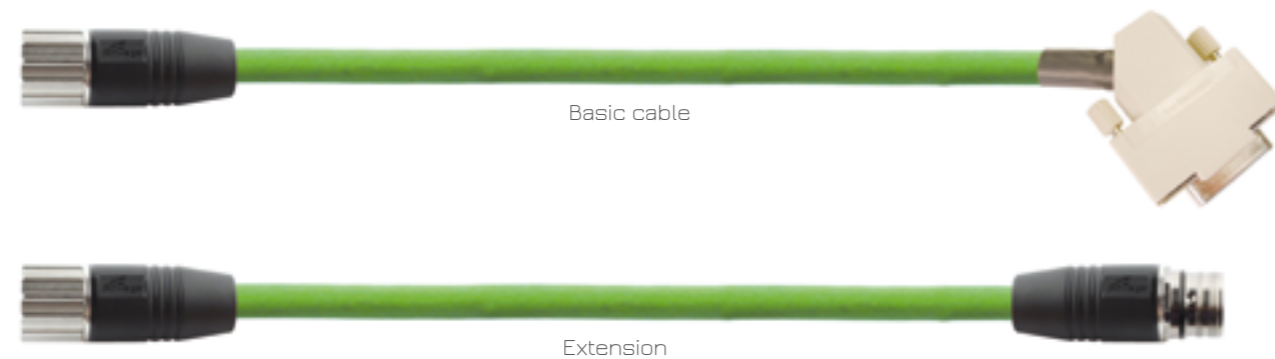
Basic cable M12/IP67 - 2DC30

Extension M12 - 2DC34

Motor extension insert - M12

HUB extension insert - M12

Description	Fixed application (PVC)	Highly moving application (PUR)	Torsion application (PUR)
Basic cable M12/IP67, M12/IP67 - RJ45/IP20	U8B PK1 Y20 C8G 00 6FX 5002-2DC30	U8B NK1 Y20 C8G 00 6FX 8002-2DC30	U8B OK1 Y20 C8G 00 -
Extension M12, M12/IP67 - M12/IP67	U8S PK1 U8B C8H 00 6FX 5002-2DC34	U8S NK1 U8B C8H 00 6FX 8002-2DC34	U8S OK1 U8B C8H 00 -
Motor extension insert M12 MZS-DC12, RJ45/IP67 - M12/IP67	Y67 PK1 U8S C8J 00 -	Y67 NK1 U8S C8J 00 -	Y67 OK1 U8S C8J 00 -
Hub extension insert M12 HZS-DC12, RJ45/IP67 - M12/IP67	Y67 PK1 U8B C8K 00 -	Y67 NK1 U8B C8K 00 -	Y67 OK1 U8B C8K 00 -



Description	Fixed application (PVC)	Highly moving application (PUR)	Torsion application (PUR)
Basic cable external measuring systems	S7B PS2 DS2 C03 00 6FX 5002-2AD00	S7B NS2 DS2 C03 00 6FX 8002-2AD00	S7B OS2 DS2 C03 00 -
Basic cable external measuring systems	S7B PS2 DS2 C61 00 6FX 5002-2CH00	S7B NS2 DS2 C61 00 6FX 8002-2CH00	S7B OS2 DS2 C61 00 -
Extension external measuring systems	S7B PS2 S7S C05 00 6FX 5002-2AD04	S7B NS2 S7S C05 00 6FX 8002-2AD04	S7B OS2 S7S C05 00 -
Basic cable incremental measurement system	S7B PS1 DS3 C18 00 6FX 5002-2CA31	S7B NS1 DS3 C18 00 6FX 8002-2CA31	S7B OS1 DS3 C18 00 -
Extension incremental measurement system	S7B PS1 S7S C20 00 6FX 5002-2CA34	S7B NS1 S7S C20 00 6FX 8002-2CA34	S7B OS1 S7S C20 00 -
Basic cable absolute measurement system	S7B PS1 DS3 C71 00 6FX 5002-2EQ10	S7B NS1 DS3 C71 00 6FX 8002-2EQ10	S7B OS1 DS3 C71 00 -
Extension absolute measurement system	S7B PS1 S7S C73 00 6FX 5002-2EQ14	S7B NS1 S7S C73 00 6FX 8002-2EQ14	S7B OS1 S7S C73 00 -

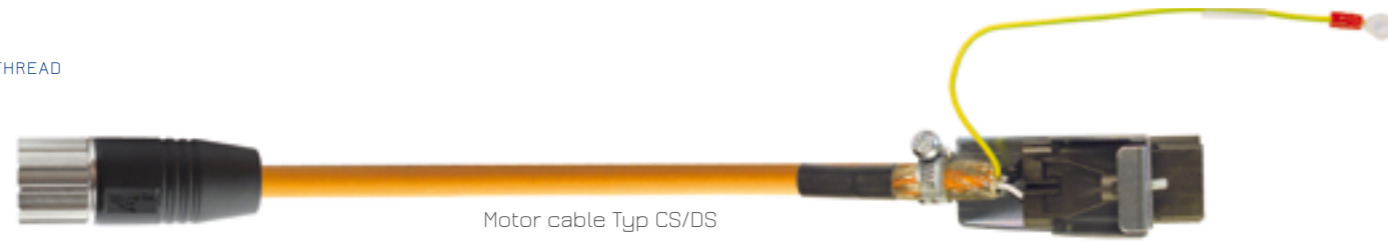


CONTACT

Give us a call!
We're here to help:



Technical Sales
+49 (0)8104 - 897 - 50
info@schweiger-gmbh.de
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Motor cable Typ CS/DS



Extension Typ CA/DA

Description	Dimension	Plug size	Fixed application (PVC)	Moving application (PUR)	Highly moving application (PUR)	Torsion application (PUR)
Motor cable without brake	4 x 1,5	1	S6B A02 A01 M00 00 6FX 5002-5CS01	S6B M01 A01 M00 00 -	S6B N01 A01 M00 00 6FX 8002-5CS01	S6B 001 A01 M00 00 -
Motor cable without brake	4 x 1,5	1,5	SSB A02 A01 M12 00 6FX 5002-5CS21	SSB M01 A01 M12 00 -	SSB N01 A01 M12 00 6FX 8002-5CS21	SSB 001 A01 M12 00 -
Motor cable with brake	4 x 1,5 + 2 x 1,5	1	S6B P11 A01 M37 00 6FX 5002-5DS01	S6B M11 A01 M37 00 -	S6B N11 A01 M37 00 6FX 8002-5DS01	S6B 011 A01 M37 00 -
Motor cable with brake	4 x 1,5 + 2 x 1,5	1,5	SSB P11 A01 M49 00 6FX 5002-5DS21	SSB M11 A01 M49 00 -	SSB N11 A01 M49 00 6FX 8002-5DS21	SSB 011 A01 M49 00 -
Motor cable without brake	4 x 2,5	1	S6B P22 A01 M05 00 6FX 5002-5CS11	S6B M02 A01 M05 00 -	S6B N02 A01 M05 00 6FX 8002-5CS11	S6B 002 A01 M05 00 -
Motor cable without brake	4 x 2,5	1,5	SSB P22 A01 M18 00 6FX 5002-5CS31	SSB M02 A01 M18 00 -	SSB N02 A01 M18 00 6FX 8002-5CS31	SSB 002 A01 M18 00 -
Motor cable with brake	4 x 2,5 + 2 x 1,5	1	S6B P12 A01 M42 00 6FX 5002-5DS11	S6B M12 A01 M42 00 -	S6B N12 A01 M42 00 6FX 8002-5DS11	S6B 012 A01 M42 00 -
Motor cable with brake	4 x 2,5 + 2 x 1,5	1,5	SSB P12 A01 M55 00 6FX 5002-5DS31	SSB M12 A01 M55 00 -	SSB N12 A01 M55 00 6FX 8002-5DS31	SSB 012 A01 M55 00 -
Motor cable without brake	4 x 4	1,5	SSB P23 A01 M23 00 6FX 5002-5CS41	SSB M03 A01 M23 00 -	SSB N03 A01 M23 00 6FX 8002-5CS41	SSB 003 A01 M23 00 -
Motor cable with brake	4 x 4 + 2 x 1,5	1,5	SSB P13 A01 M61 00 6FX 5002-5DS41	SSB M13 A01 M61 00 -	SSB N13 A01 M61 00 6FX 8002-5DS41	SSB 013 A01 M61 00 -
Motor cable without brake	4 x 6	1,5	SSB P24 A01 M27 00 6FX 5002-5CS51	SSB M04 A01 M27 00 -	SSB N04 A01 M27 00 6FX 8002-5CS51	SSB 004 A01 M27 00 -
Motor cable with brake	4 x 6 + 2 x 1,5	1,5	SSB P14 A01 M66 00 6FX 5002-5DS51	SSB M14 A01 M66 00 -	SSB N14 A01 M66 00 6FX 8002-5DS51	SSB 014 A01 M66 00 -
Motor cable without brake	4 x 10	1,5	SSB P25 A01 M31 00 6FX 5002-5CS61	SSB M05 A01 M31 00 -	SSB N05 A01 M31 00 6FX 8002-5CS61	SSB 005 A01 M31 00 -
Motor cable with brake	4 x 10 + 2 x 1,5	1,5	SSB P15 A01 M71 00 6FX 5002-5DS61	SSB M15 A01 M71 00 -	SSB N15 A01 M71 00 6FX 8002-5DS61	SSB 015 A01 M71 00 -
Motor cable without brake	4 x 10	3	C3B P25 A01 M07 00 6FX 5002-5CS13	C3B M05 A01 M07 00 -	C3B N05 A01 M07 00 6FX 8002-5CS13	C3B 005 A01 M07 00 -
Motor cable with brake	4 x 10 + 2 x 1,5	3	C3B P15 A01 M44 00 6FX 5002-5DS13	C3B M15 A01 M44 00 -	C3B N15 A01 M44 00 6FX 8002-5DS13	C3B 015 A01 M44 00 -

Description	Dimension	Plug size	Fixed application (PVC)	Moving application (PUR)	Highly moving application (PUR)	Torsion application (PUR)
Extension without brake	4 x 1,5	1	S6B A02 S6S P03 00 6FX 5002-5CA05	S6B M01 S6S P03 00 -	S6B N01 S6S P03 00 6FX 8002-5CA05	S6B 001 S6S P03 00 -
Extension without brake	4 x 1,5	1,5	SSB A02 SSS P16 00 6FX 8002-5CA28	SSB M01 SSS P16 00 -	SSB N01 SSS P16 00 6FX 8002-5CA28	SSB 001 SSS P16 00 -
Extension with brake	4 x 1,5 + 2 x 1,5	1	S6B P11 S6S P40 00 6FX 5002-5DA05	S6B M11 S6S P40 00 -	S6B N11 S6S P40 00 6FX 8002-5DA05	S6B 011 S6S P40 00 -
Extension with brake	4 x 1,5 + 2 x 1,5	1,5	SSB P11 SSS P53 00 6FX 5002-5DA28	SSB M11 SSS P53 00 -	SSB N11 SSS P53 00 6FX 8002-5DA28	SSB 011 SSS P53 00 -
Extension without brake	4 x 2,5	1	S6B P22 S6S P09 00 6FX 5002-5CA15	S6B M02 S6S P09 00 -	S6B N02 S6S P09 00 6FX 8002-5CA15	S6B 002 S6S P09 00 -
Extension without brake	4 x 2,5	1,5	SSB P22 SSS P21 00 6FX 5002-5CA38	SSB M02 SSS P21 00 -	SSB N02 SSS P21 00 6FX 8002-5CA38	SSB 002 SSS P21 00 -
Extension with brake	4 x 2,5 + 2 x 1,5	1	S6B P12 S6S P46 00 6FX 5002-5DA15	S6B M12 S6S P46 00 -	S6B N12 S6S P46 00 6FX 8002-5DA15	S6B 012 S6S P46 00 -
Extension with brake	4 x 2,5 + 2 x 1,5	1,5	SSB P12 SSS P59 00 6FX 5002-5DA38	SSB M12 SSS P59 00 -	SSB N12 SSS P59 00 6FX 8002-5DA38	SSB 012 SSS P59 00 -
Extension without brake	4 x 4	1,5	SSB P23 SSS P25 00 6FX 5002-5CA48	SSB M03 SSS P25 00 -	SSB N03 SSS P25 00 6FX 8002-5CA48	SSB 003 SSS P25 00 -
Extension with brake	4 x 4 + 2 x 1,5	1,5	SSB P13 SSS P64 00 6FX 5002-5DA48	SSB M13 SSS P64 00 -	SSB N13 SSS P64 00 6FX 8002-5DA48	SSB 013 SSS P64 00 -
Extension without brake	4 x 6	1,5	SSB P24 SSS P29 00 6FX 5002-5CA58	SSB M04 SSS P29 00 -	SSB N04 SSS P29 00 6FX 8002-5CA58	SSB 004 SSS P29 00 -
Extension with brake	4 x 6 + 2 x 1,5	1,5	SSB P14 SSS P69 00 6FX 5002-5DA58	SSB M14 SSS P69 00 -	SSB N14 SSS P69 00 6FX 8002-5DA58	SSB 014 SSS P69 00 -
Extension without brake	4 x 10	1,5	SSB P25 SSS P33 00 6FX 5002-5CA68	SSB M05 SSS P33 00 -	SSB N05 SSS P33 00 6FX 8002-5CA68	SSB 005 SSS P33 00 -
Extension with brake	4 x 10 + 2 x 1,5	1,5	SSB P15 SSS P73 00 6FX 5002-5DA68	SSB M15 SSS P73 00 -	SSB N15 SSS P73 00 6FX 8002-5DA68	SSB 015 SSS P73 00 -
Extension without brake	4 x 10	3	C3B P25 C3S P35 00 6FX 5002-5CX18	C3B M05 C3S P35 00 -	C3B N05 C3S P35 00 6FX 8002-5CX18	C3B 005 C3S P35 00 -
Extension with brake	4 x 10 + 2 x 1,5	3	C3B P15 C3S P92 00 6FX 5002-5DX18	C3B M15 C3S P92 00 -	C3B N15 C3S P92 00 6FX 8002-5DX18	C3B 015 C3S P92 00 -



Description	Dimension	Plug size	Fixed application (PVC)	Moving application (PUR)	Highly moving application (PUR)	Torsion application
Motor cable without brake	4 x 1,5	1	S6D A02 A01 Q00 00 6FX 5002-5CN01	S6D M01 A01 Q00 00 -	S6D N01 A01 Q00 00 6FX 8002-5CN01	S6D 001 A01 Q00 00 -
Motor cable without brake	4 x 1,5	1,5	C6D A02 A01 Q12 00 6FX 5002-5CN21	C6D M01 A01 Q12 00 -	C6D N01 A01 Q12 00 6FX 8002-5CN21	C6D 001 A01 Q12 00 -
Motor cable with brake	4 x 1,5 + 2 x 1,5	1	S6D P11 A01 Q37 00 6FX 5002-5DN01	S6D M11 A01 Q37 00 -	S6D N11 A01 Q37 00 6FX 8002-5DN01	S6D 011 A01 Q37 00 -
Motor cable with brake	4 x 1,5 + 2 x 1,5	1,5	C6D P11 A01 Q49 00 6FX 5002-5DN21	C6D M11 A01 Q49 00 -	C6D N11 A01 Q49 00 6FX 8002-5DN21	C6D 011 A01 Q49 00 -
Motor cable without brake	4 x 2,5	1	S6D P22 A01 Q05 00 6FX 5002-5CN11	S6D M02 A01 Q05 00 -	S6D N02 A01 Q05 00 6FX 8002-5CN11	S6D 002 A01 Q05 00 -
Motor cable without brake	4 x 2,5	1,5	C6D P22 A01 Q18 00 6FX 5002-5CN31	C6D M02 A01 Q18 00 -	C6D N02 A01 Q18 00 6FX 8002-5CN31	C6D 002 A01 Q18 00 -
Motor cable with brake	4 x 2,5 + 2 x 1,5	1	S6D P12 A01 Q42 00 6FX 5002-5DN11	S6D M12 A01 Q42 00 -	S6D N12 A01 Q42 00 6FX 8002-5DN11	S6D 012 A01 Q42 00 -
Motor cable with brake	4 x 2,5 + 2 x 1,5	1,5	C6D P12 A01 Q55 00 6FX 5002-5DN31	C6D M12 A01 Q55 00 -	C6D N12 A01 Q55 00 6FX 8002-5DN31	C6D 012 A01 Q55 00 -
Motor cable without brake	4 x 4	1,5	C6D P23 A01 Q23 00 6FX 5002-5CN41	C6D M03 A01 Q23 00 -	C6D N03 A01 Q23 00 6FX 8002-5CN41	C6D 003 A01 Q23 00 -
Motor cable with brake	4 x 4 + 2 x 1,5	1,5	C6D P13 A01 Q61 00 6FX 5002-5DN41	C6D M13 A01 Q61 00 -	C6D N13 A01 Q61 00 6FX 8002-5DN41	C6D 013 A01 Q61 00 -
Motor cable without brake	4 x 6	1,5	C6D P24 A01 Q27 00 6FX 5002-5CN51	C6D M04 A01 Q27 00 -	C6D N04 A01 Q27 00 6FX 8002-5CN51	C6D 004 A01 Q27 00 -
Motor cable with brake	4 x 6 + 2 x 1,5	1,5	C6D P14 A01 Q66 00 6FX 5002-5DN51	C6D M14 A01 Q66 00 -	C6D N14 A01 Q66 00 6FX 8002-5DN51	C6D 014 A01 Q66 00 -
Motor cable without brake	4 x 10	1,5	C6D P25 A01 Q31 00 6FX 5002-5CN61	C6D M05 A01 Q31 00 -	C6D N05 A01 Q31 00 6FX 8002-5CN61	C6D 005 A01 Q31 00 -
Motor cable with brake	4 x 10 + 2 x 1,5	1,5	C6D P15 A01 Q71 00 6FX 5002-5DN61	C6D M15 A01 Q71 00 -	C6D N15 A01 Q71 00 6FX 8002-5DN61	C6D 015 A01 Q71 00 -
Motor cable without brake	4 x 6	1,5	C6D P24 000 QA1 00 6FX 5002-5CN54	C6D M04 000 QA1 00 -	C6D N04 000 QA1 00 6FX 8002-5CN54	C6D 004 000 QA1 00 -
Motor cable with brake	4 x 6 + 2 x 1,5	1,5	C6D P14 000 QA2 00 6FX 5002-5DN54	C6D M14 000 QA2 00 -	C6D N14 000 QA2 00 6FX 8002-5DN54	C6D 014 000 QA2 00 -
Motor cable without brake	4 x 10	1,5	C6D P25 000 QA3 00 6FX 5002-5CN64	C6D M05 000 QA3 00 -	C6D N05 000 QA3 00 6FX 8002-5CN64	C6D 005 000 QA3 00 -
Motor cable with brake	4 x 10 + 2 x 1,5	1,5	C6D P15 000 QA4 00 6FX 5002-5DN64	C6D M15 000 QA4 00 -	C6D N15 000 QA4 00 6FX 8002-5DN64	C6D 015 000 QA4 00 -

Description	Dimension	Plug size	Fixed application (PVC)	Moving application (PUR)	Highly moving application (PUR)	Torsion application (PUR)
Extension without brake	4 x 1,5	1	S6D A02 S6S Q03 00 6FX 5002-5CN05	S6D M01 S6S Q03 00 -	S6D N01 S6S Q03 00 6FX 8002-5CN05	S6D 001 S6S Q03 00 -
Extension without brake	4 x 1,5	1,5	C6D A02 C6S Q16 00 6FX 5002-5CQ28	C6D M01 C6S Q16 00 -	C6D N01 C6S Q16 00 6FX 8002-5CQ28	C6D 001 C6S Q16 00 -
Extension with brake	4 x 1,5 + 2 x 1,5	1	S6D P11 S6S Q40 00 6FX 5002-5DN05	S6D M11 S6S Q40 00 -	S6D N11 S6S Q40 00 6FX 8002-5DN05	S6D 011 S6S Q40 00 -
Extension with brake	4 x 1,5 + 2 x 1,5	1,5	C6D P11 C6S Q53 00 6FX 5002-5DQ28	C6D M11 C6S Q53 00 -	C6D N11 C6S Q53 00 6FX 8002-5DQ28	C6D 011 C6S Q53 00 -
Extension without brake	4 x 2,5	1	S6D P22 S6S Q09 00 6FX 5002-5CQ15	S6D M02 S6S Q09 00 -	S6D N02 S6S Q09 00 6FX 8002-5CQ15	S6D 002 S6S Q09 00 -
Extension without brake	4 x 2,5	1,5	C6D P22 C6S Q21 00 6FX 5002-5CQ38	C6D M02 C6S Q21 00 -	C6D N02 C6S Q21 00 6FX 8002-5CQ38	C6D 002 C6S Q21 00 -
Extension with brake	4 x 2,5 + 2 x 1,5	1	S6D P12 S6S Q46 00 6FX 5002-5DQ15	S6D M12 S6S Q46 00 -	S6D N12 S6S Q46 00 6FX 8002-5DQ15	S6D 012 S6S Q46 00 -
Extension with brake	4 x 2,5 + 2 x 1,5	1,5	C6D P12 C6S Q59 00 6FX 5002-5DQ38	C6D M12 C6S Q59 00 -	C6D N12 C6S Q59 00 6FX 8002-5DQ38	C6D 012 C6S Q59 00 -
Extension without brake	4 x 4	1,5	C6D P23 C6S Q25 00 6FX 5002-5CQ48	C6D M03 C6S Q25 00 -	C6D N03 C6S Q25 00 6FX 8002-5CQ48	C6D 003 C6S Q25 00 -
Extension with brake	4 x 4 + 2 x 1,5	1,5	C6D P13 C6S Q64 00 6FX 5002-5DQ48	C6D M13 C6S Q64 00 -	C6D N13 C6S Q64 00 6FX 8002-5DQ48	C6D 013 C6S Q64 00 -
Extension without brake	4 x 6	1,5	C6D P24 C6S Q29 00 6FX 5002-5CQ58	C6D M04 C6S Q29 00 -	C6D N04 C6S Q29 00 6FX 8002-5CQ58	C6D 004 C6S Q29 00 -
Extension with brake	4 x 6 + 2 x 1,5	1,5	C6D P14 C6S Q69 00 6FX 5002-5DQ58	C6D M14 C6S Q69 00 -	C6D N14 C6S Q69 00 6FX 8002-5DQ58	C6D 014 C6S Q69 00 -
Extension without brake	4 x 10	1,5	C6D P25 C6S Q33 00 6FX 5002-5CQ68	C6D M05 C6S Q33 00 -	C6D N05 C6S Q33 00 6FX 8002-5CQ68	C6D 005 C6S Q33 00 -
Extension with brake	4 x 10 + 2 x 1,5	1,5	C6D P15 C6S Q92 00 6FX 5002-5DQ68	C6D M15 C6S Q92 00 -	C6D N15 C6S Q92 00 6FX 8002-5DQ68	C6D 015 C6S Q92 00 -



Motor cable C-/D- Typ with full thread

Description	Dimension	Plug size	Fixed application (PVC)	Moving application (PUR)	Highly moving application (PUR)	Torsions-Einsatz (PUR)
Motor cable without brake	4 x 1,5	1	S6B A02 LS6 S01 00 6FX 5002-5CS06	S6B M01 LS6 S01 00 -	S6B N01 LS6 S01 00 6FX 8002-5CS06	S6B 001 LS6 S01 00 -
Motor cable without brake	4 x 1,5	1,5	SSB A02 LS6 S02 00 6FX 5002-5CS26	SSB M01 LS6 S02 00 -	SSB N01 LS6 S02 00 6FX 8002-5CS26	SSB 001 LS6 S02 00 -
Motor cable with brake	4 x 1,5 + 2 x 1,5	0,5	A07 P11 LS6 S50 00 6FX 5002-5DS27	A07 M11 LS6 S50 00 -	A07 N11 LS6 S50 00 6FX 8002-5DS27	A07 011 LS6 S50 00 -
Motor cable with brake	4 x 1,5 + 2 x 1,5	1	S6B P11 LS6 S51 00 6FX 5002-5DS06	S6B M11 LS6 S51 00 -	S6B N11 LS6 S51 00 6FX 8002-5DS06	S6B 011 LS6 S51 00 -
Motor cable with brake	4 x 1,5 + 2 x 1,5	1,5	SSB P11 L26 S52 00 6FX 5002-5DS26	SSB M11 LS6 S52 00 -	SSB N11 LS6 S52 00 6FX 8002-5DS26	SSB 011 LS6 S52 00 -
Motor cable without brake	4 x 2,5	1	S6B P22 LS6 S03 00 6FX 5002-5CS16	S6B M02 LS6 S03 00 -	S6B N02 LS6 S03 00 6FX 8002-5CS16	S6B 002 LS6 S03 00 -
Motor cable without brake	4 x 2,5	1,5	SSB P22 LS6 S04 00 6FX 5002-5CS36	SSB M02 LS6 S04 00 -	SSB N02 LS6 S04 00 6FX 8002-5CS36	SSB 002 LS6 S04 00 -
Motor cable without brake	4 x 2,5	M25	LS6 P22 000 S05 00 6FX 5002-5CP17	LS6 M02 000 S05 00 -	LS6 N02 000 S05 00 6FX 8002-5CP17	LS6 002 000 S05 00 -
Motor cable with brake	4 x 2,5 + 2 x 1,5	1	S6B P12 LS6 S53 00 6FX 5002-5DS16	S6B M12 LS6 S53 00 -	S6B N12 LS6 S53 00 6FX 8002-5DS16	S6B 012 LS6 S53 00 -
Motor cable with brake	4 x 2,5 + 2 x 1,5	1,5	SSB P12 LS6 S54 00 6FX 5002-5DS36	SSB M12 LS6 S54 00 -	SSB N12 LS6 S54 00 6FX 8002-5DS36	SSB 012 LS6 S54 00 -
Motor cable without brake	4 x 4	1,5	SSB P23 LS6 S06 00 6FX 5002-5CS46	SSB M03 LS6 S06 00 -	SSB N03 LS6 S06 00 6FX 8002-5CS46	SSB 003 LS6 S06 00 -
Motor cable without brake	4 x 4	M25	LS6 P23 000 S07 00 6FX 5002-5CP27	LS6 M03 000 S07 00 -	LS6 N03 000 S07 00 6FX 8002-5CP27	LS6 003 000 S07 00 -
Motor cable without brake	4 x 4	M32	LS6 P23 000 S08 00 6FX 5002-5CP26	LS6 M03 000 S08 00 -	LS6 N03 000 S08 00 6FX 8002-5CP26	LS6 003 000 S08 00 -

Description	Dimension	Plug size	Fixed application (PVC)	Moving application (PUR)	Highly moving application (PUR)	Torsion application (PUR)
Motor cable with brake	4 x 4 + 2 x 1,5	1,5	SSB P13 LS6 S56 00 6FX 5002-5DS46	SSB M13 LS6 S56 00 -	SSB N13 LS6 S56 00 6FX 8002-5DS46	SSB 013 LS6 S56 00 -
Motor cable without brake	4 x 6	1,5	SSB P24 LS6 S09 00 6FX 5002-5CS56	SSB M04 LS6 S09 00 -	SSB N04 LS6 S09 00 6FX 8002-5CS56	SSB 004 LS6 S09 00 -
Motor cable with brake	4 x 6 + 2 x 1,5	1,5	SSB P14 LS6 S59 00 6FX 5002-5DS56	SSB M14 LS6 S09 00 -	SSB N14 LS6 S59 00 6FX 8002-5DS56	SSB 014 LS6 S59 00 -
Motor cable without brake	4 x 10	1,5	SSB P25 LS6 S10 00 6FX 5002-5CS66	SSB M05 LS6 S10 00 -	SSB N05 LS6 S10 00 6FX 8002-5CS66	SSB 005 LS6 S10 00 -
Motor cable without brake	4 x 10	3	C3B P25 LS6 S11 00 6FX 5002-5CS17	C3B M05 LS6 S11 00 -	C3B N05 LS6 S11 00 6FX 8002-5CS17	C3B 005 LS6 S11 00 -
Motor cable without brake	4 x 10	M32	LS6 P25 000 S12 00 6FX 5002-5CP46	LS6 M05 000 S12 00 -	LS6 N05 000 S12 00 6FX 8002-5CP46	LS6 005 000 S12 00 -
Motor cable without brake	4 x 10	M40	LS6 P25 000 S13 00 6FX 5002-5CP47	LS6 M05 000 S13 00 -	LS6 N05 000 S13 00 6FX 8002-5CP47	LS6 005 000 S13 00 -
Motor cable without brake	4 x 10	M50	LS6 P25 000 S14 00 6FX 5002-5CP45	LS6 M05 000 S14 00 -	LS6 N05 000 S14 00 6FX 8002-5CP45	LS6 005 000 S14 00 -
Motor cable with brake	4 x 10 + 2 x 1,5	1,5	SSB P15 LS6 S60 00 6FX 5002-5DS66	SSB M15 LS6 S60 00 -	SSB N15 LS6 S60 00 6FX 8002-5DS66	SSB 015 LS6 S60 00 -
Motor cable with brake	4 x 10 + 2 x 1,5	3	C3B P15 LS6 S61 00 6FX 5002-5DS17	C3B M15 LS6 S61 00 -	C3B N15 LS6 S61 00 6FX 8002-5DS17	C3B 015 LS6 S61 00 -



Motor cable C-/D- Typ with quick lock



Motor cable M23-coupling nut-socket

Description	Dimension	Plug size	Fixed application (PVC)	Moving application (PUR)	Highly moving application (PUR)	Torsions-Einsatz (PUR)
Motor cable without brake	4 x 1,5	0,5	G07 A02 LS6 T00 00 6FX 5002-5CN27	G07 M01 LS6 T00 00 -	G07 N01 LS6 T00 00 6FX 8002-5CN27	G07 002 LS6 T00 00 -
Motor cable without brake	4 x 1,5	1	S6D A02 LS6 T01 00 6FX 5002-5CN06	S6D M01 LS6 T01 00 -	S6D N01 LS6 T01 00 6FX 8002-5CN06	S6D 001 LS6 T01 00 -
Motor cable without brake	4 x 1,5	1,5	C6D A02 LS6 T02 00 6FX 5002-5CN26	C6D M01 LS6 T02 00 -	C6D N01 LS6 T02 00 6FX 8002-5CN26	C6D 001 LS6 T02 00 -
Motor cable with brake	4 x 1,5 + 2 x 1,5	0,5	G07 P11 LS6 T50 00 6FX 5002-5DN27	G07 M11 LS6 T50 00 -	G07 N11 LS6 T50 00 6FX 8002-5DN27	G07 011 LS6 T50 00 -
Motor cable with brake	4 x 1,5 + 2 x 1,5	1	S6D P11 LS6 T51 00 6FX 5002-5DN06	S6D M11 LS6 T51 00 -	S6D N11 LS6 T51 00 6FX 8002-5DN06	S6D 011 LS6 T51 00 -
Motor cable with brake	4 x 1,5 + 2 x 1,5	1,5	C6D P11 LS6 T52 00 6FX 5002-5DN26	C6D M11 LS6 T52 00 -	C6D N11 LS6 T52 00 6FX 8002-5DN26	C6D 011 LS6 T52 00 -
Motor cable without brake	4 x 2,5	1	S6D P22 LS6 T03 00 6FX 5002-5CN16	S6D M02 LS6 T0300 -	S6D N02 LS6 T03 00 6FX 8002-5CN16	S6D 002 LS6 T03 00 -
Motor cable without brake	4 x 2,5	1,5	C6D P22 LS6 T04 00 6FX 5002-5CN36	C6D M02 LS6 T0400 -	C6D N02 LS6 T04 00 6FX 8002-5CN36	C6D 002 LS6 T04 00 -
Motor cable with brake	4 x 2,5 + 2 x 1,5	1	S6D P12 LS6 T53 00 6FX 5002-5DN16	S6D M12 LS6 T53 00 -	S6D N1 LS6 T53 00 6FX 8002-5DN16	S6D 012 LS6 T53 00 -
Motor cable with brake	4 x 2,5 + 2 x 1,5	1,5	C6D P12 LS6 T54 00 6FX 5002-5DN36	C6D M12 LS6 T54 00 -	C6D N12 LS6 T54 00 6FX 8002-5DN36	C6D 012 LS6 T54 00 -
Motor cable without brake	4 x 4	1,5	C6D P23 LS6 T06 00 6FX 5002-5CN46	C6D M03 LS6 T06 00 -	C6D N03 LS6 T06 00 6FX 8002-5CN46	C6D 003 LS6 T06 00 -
Motor cable with brake	4 x 4 + 2 x 1,5	1,5	C6D P13 LS6 T56 00 6FX 5002-5DN46	C6D M13 LS6 T56 00 -	C6D N13 LS6 T56 00 6FX 8002-5DN46	C6D 013 LS6 T56 00 -
Motor cable without brake	4 x 6	1,5	C6D P24 LS6 T09 00 6FX 5002-5CN56	C6D M04 LS6 T09 00 -	C6D N04 LS6 T09 00 6FX 8002-5CN56	C6D 004 LS6 T09 00 -
Motor cable with brake	4 x 6 + 2 x 1,5	1,5	C6D P14 LS6 T59 00 6FX 5002-5DN56	C6D M14 LS6 T59 00 -	C6D N14 LS6 T59 00 6FX 8002-5DN56	C6D 014 LS6 T59 00 -
Motor cable without brake	4 x 10	1,5	C6D P25 LS6 T10 00 6FX 5002-5CN66	C6D M05 LS6 T10 00 -	C6D N05 LS6 T10 00 6FX 8002-5CN66	C6D 005 LS6 T10 00 -
Motor cable with brake	4 x 10 + 2 x 1,5	1,5	C6D P15 LS6 T60 00 6FX 5002-5DN66	C6D M15 LS6 T60 00 -	C6D N15 LS6 T60 00 6FX 8002-5DN66	C6D 015 LS6 T60 00 -

M23-coupling nut-socket	Moving application (PUR) Cross-section 10mm ²	Moving application (PUR) Cross-section 16mm ²	Moving application (PUR) Cross-section 25mm ²	Moving application (PUR) Cross-section 35mm ²	Moving application (PUR) Cross-section 50mm ²
DA in mm	8,9mm	10,0mm	11,8mm	13,3mm	15,0mm
Coding 1/U1	S1B E02 000 U1B 00	S1B E04 000 U1B 00	S1B NE7 000 U1B 00	S1B NE8 000 U1B 00	S1B E07 000 U1B 00
Coding 2/V1	S1B E02 000 V1B 00	S1B E04 000 V1B 00	S1B NE7 000 V1B 00	S1B NE8 000 V1B 00	S1B E07 000 V1B 00
Coding 3/W1	S1B E02 000 W1B 00	S1B E04 000 W1B 00	S1B NE7 000 W1B 00	S1B NE8 000 W1B 00	S1B E07 000 W1B 00
Coding 4/PE1	S1B E03 000 P1B 00	S1B ME6 000 P1B 00	S1B E05 000 P1B 00	S1B E06 000 P1B 00	S1B E08 000 P1B 00
Coding 5/U2	S1B E02 000 U2B 00	S1B E04 000 U2B 00	S1B NE7 000 U2B 00	S1B NE8 000 U2B 00	S1B E07 000 U2B 00
Coding 6/V2	S1B E02 000 V2B 00	S1B E04 000 V2B 00	S1B NE7 000 V2B 00	S1B NE8 000 V2B 00	S1B E07 000 V2B 00
Coding 7/W2	S1B E02 000 W2B 00	S1B E04 000 W2B 00	S1B NE7 000 W2B 00	S1B NE8 000 W2B 00	S1B E07 000 W2B 00
Coding 8/PE2	S1B E03 000 P2B 00	S1B ME6 000 P2B 00	S1B E05 000 P2B 00	S1B E06 000 P2B 00	S1B E08 000 P2B 00



Motor cable M23-external thread-pin



Extension

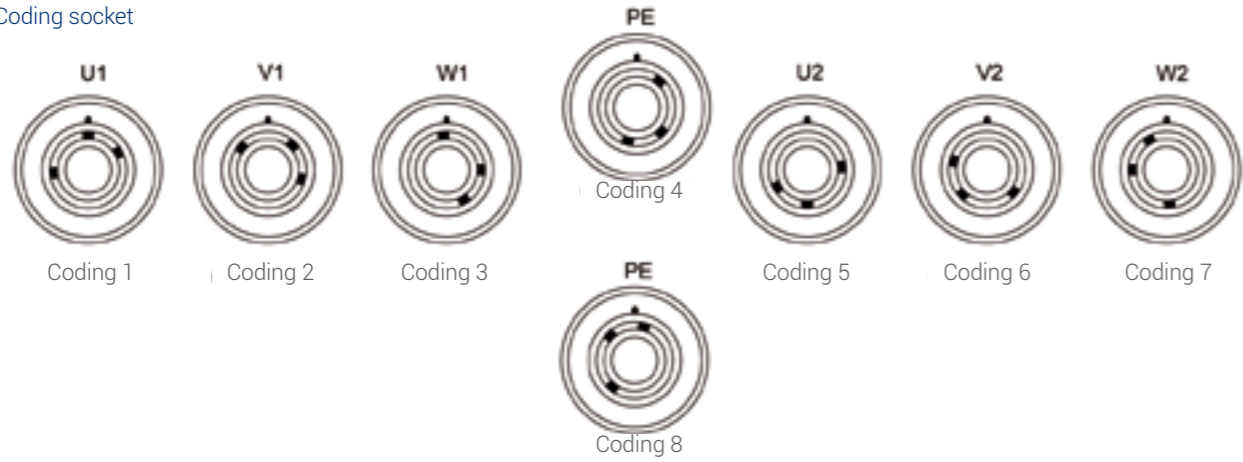
M23- external thread-pin	Moving application (PUR) Cross-section 10mm ²	Moving application (PUR) Cross-section 16mm ²	Moving application (PUR) Cross-section 25mm ²	Moving application (PUR) Cross-section 35mm ²	Moving application (PUR) Cross-section 50mm ²
DA in mm	8,9mm	10,0mm	11,8mm	13,3mm	15,0mm
Coding 1/U1	S1S E02 000 U1S 00	S1S E04 000 U1S 00	S1S NE7 000 U1S 00	S1S NE8 000 U1S 00	S1S E07 000 U1S 00
Coding 2/V1	S1S E02 000 V1S 00	S1S E04 000 V1S 00	S1S NE7 000 V1S 00	S1S NE8 000 V1S 00	S1S E07 000 V1S 00
Coding 3/W1	S1S E02 000 W1S 00	S1S E04 000 W1S 00	S1S NE7 000 W1S 00	S1S NE8 000 W1S 00	S1S E07 000 W1S 00
Coding 4/PE1	S1S E03 000 P1S 00	S1S ME6 000 P1S 00	S1S E05 000 P1S 00	S1S E06 000 P1S 00	S1S E08 000 P1S 00
Coding 5/U2	S1S E02 000 U2S 00	S1S E04 000 U2S 00	S1S NE7 000 U2S 00	S1S NE8 000 U2BS00	S1S E07 000 U2S 00
Coding 6/V2	S1S E02 000 V2S 00	S1S E04 000 V2S 00	S1S NE7 000 V2S 00	S1S NE8 000 V2S 00	S1S E07 000 V2S 00
Coding 7/W2	S1S E02 000 W2S 00	S1S E04 000 W2S 00	S1S NE7 000 W2S 00	S1S NE8 000 W2S 00	S1S E07 000 W2S 00
Coding 8/PE2	S1S E03 000 P2S 00	S1S ME6 000 P2S 00	S1S E05 000 P2S 00	S1S E06 000 P2S 00	S1S E08 000 P2S 00

Extension M23- pin/socket	Moving application (PUR) Cross-section 10mm ²	Moving application (PUR) Cross-section 16mm ²	Moving application (PUR) Cross-section 25mm ²	Moving application (PUR) Cross-section 35mm ²	Moving application (PUR) Cross-section 50mm ²
DA in mm	8,9mm	10,0mm	11,8mm	13,3mm	15,0mm
Coding 1/U1	S1B E02 S1S U1V 00	S1B E04 S1S U1V 00	S1B NE7 S1S U1V 00	S1B NE8 S1S U1V 00	S1B E07 S1S U1V 00
Coding 2/V1	S1B E02 S1S V1V 00	S1B E04 S1S V1V 00	S1B NE7 S1S V1V 00	S1B NE8 S1S V1V 00	S1B E07 S1S V1V 00
Coding 3/W1	S1B E02 S1S W1V 00	S1B E04 S1S W1V 00	S1B NE7 S1S W1V 00	S1B NE8 S1S W1V 00	S1B E07 S1S W1V 00
Coding 4/PE1	S1B E03 S1S P1V 00	S1B ME6 S1S P1V 00	S1B E05 S1S P1V 00	S1B E06 S1S P1V 00	S1B E08 S1S P1V 00
Coding 5/U2	S1B E02 S1S U2V 00	S1B E04 S1S U2V 00	S1B NE7 S1S U2V 00	S1B NE8 S1S U2V 00	S1B E07 S1S U2V 00
Coding 6/V2	S1B E02 S1S V2V 00	S1B E04 S1S V2V 00	S1B NE7 S1S V2V 00	S1B NE8 S1S V2V 00	S1B E07 S1S V2V 00
Coding 7/W2	S1B E02 S1S W2V 00	S1B E04 S1S W2V 00	S1B NE7 S1S W2V 00	S1B NE8 S1S W2V 00	S1B E07 S1S W2V 00
Coding 8/PE2	S1B E03 S1S P2V 00	S1B ME6 S1S wP2V 00	S1B E05 S1S P2V 00	S1B E06 S1S P2V 00	S1B E08 S1S P2V 00

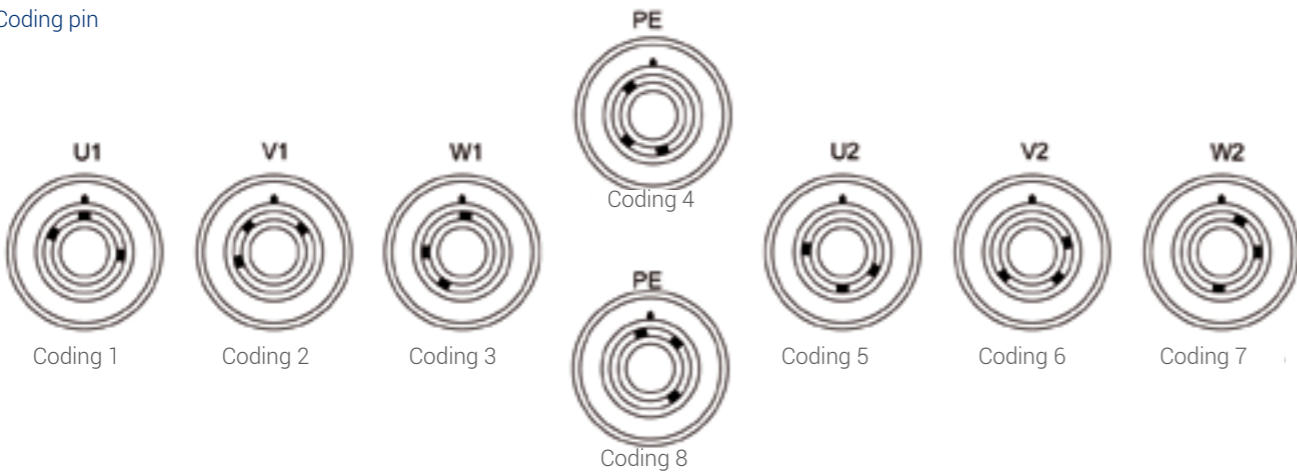
1-pole application for spindle motors

1-pole application for spindle motors

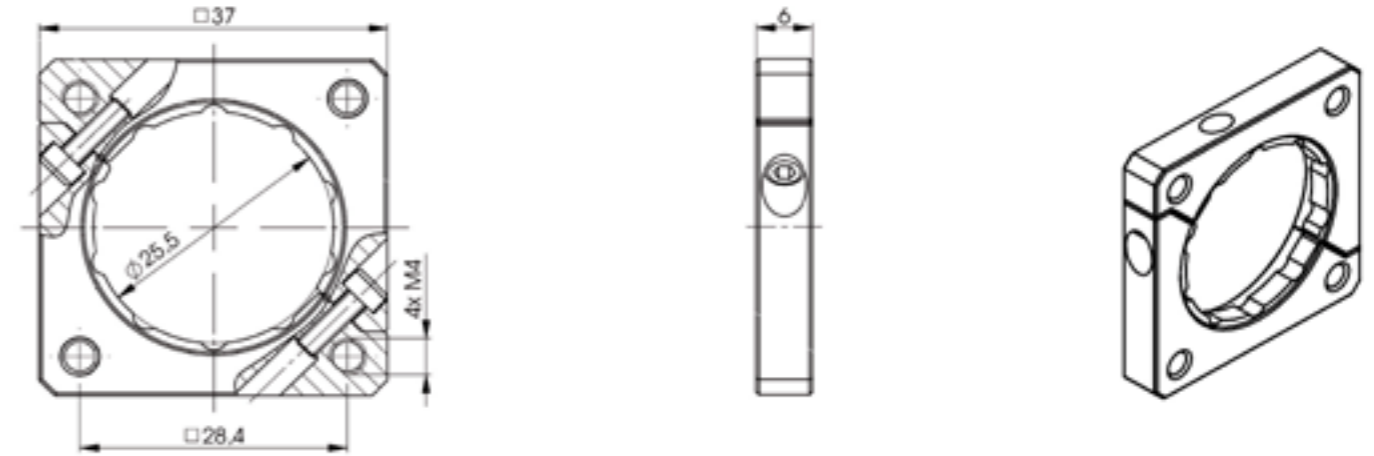
Coding socket



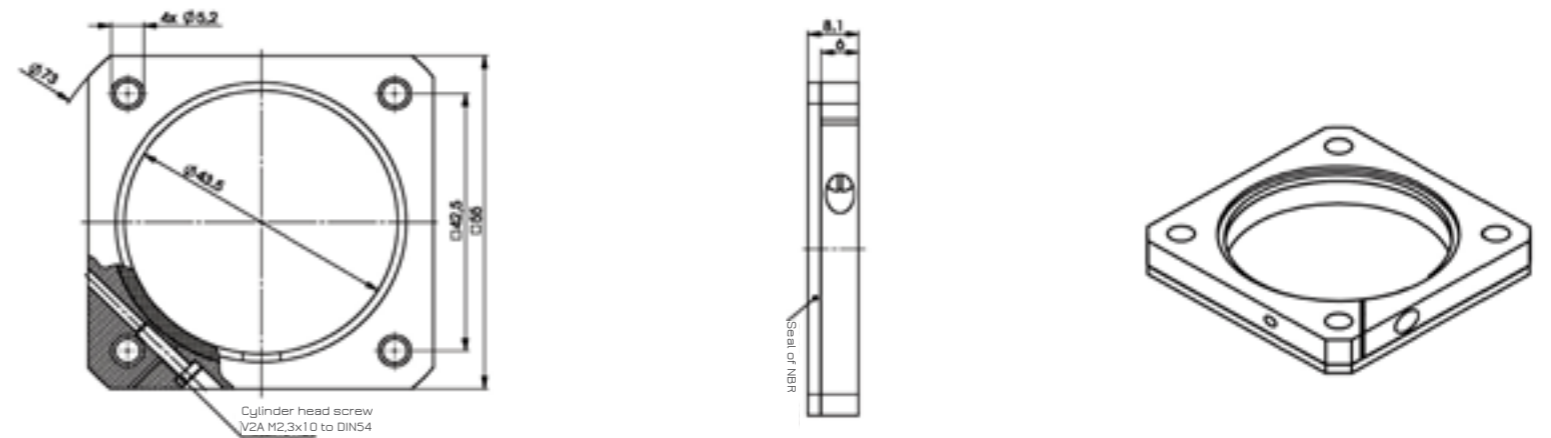
Coding pin



M23 flange: Article 7010900149 (Including seal)



M40 flange: Article 7010900129 (Including seal)



Ink-jet printing standard (without extra charge)



Adhesive label (without extra charge)



Sleeve with cabel ties (lasered)



Milled labeling with cable ties



Push-over sleeve (lasered)



- For cable lengths $\leq 30\text{cm}$ the cable marking is attached in the middle
- For cable lengths $> 30\text{cm}$ the cable marking is 1x at the connector (70mm to cable end)

(Data refer to inkjet printing, as well as other markings without further details.
Reading direction: plug left)

IMPRINT

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A. Schweiger GmbH
Ohmstr. 1
82054 Sauerlach
Germany

Tel: +49 (0) 8104 897-0
Fax: +49 (0) 8104 897-90

info@schweiger-group.de
www.schweiger-group.de

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GManaging director: Albert Schweiger,
Dr. Christoph Schweiger
Registered: HRB 69037, München
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A. Schweiger GmbH

Ohmstr.1

82054 Sauerlach

Tel: +49 (0)8104 - 897 - 0

Fax: +49 (0)8104 - 897 - 90

info@schweiger-group.de

www.schweiger-group.de

