



Elevator construction

Cable and CONNECTivity



Upwards with TKD: The right cable solution for every shaft.

Smart networking, data-driven analyses and new comfort functions - everything that has long been moving the industry since the advent of the Internet of Things and Industry 4.0 does not stop at lifts. Long gone are the days when every switch in the cabin had to be individually wired to a relay in the control cabinet. Modern BUS systems have become essential in lifts as well.

State-of-the-art are infotainment functions, analysis options for error detection or predictive maintenance and smart solutions that offer versatile possibilities for use, such as control via app. In safety-critical areas, access control systems and video surveillance are also required. Emergency call systems are no longer a purely acoustic matter, but modern video communication systems.

We have the know-how and broad portfolio to always offer the right solution.

TKD Product Overview

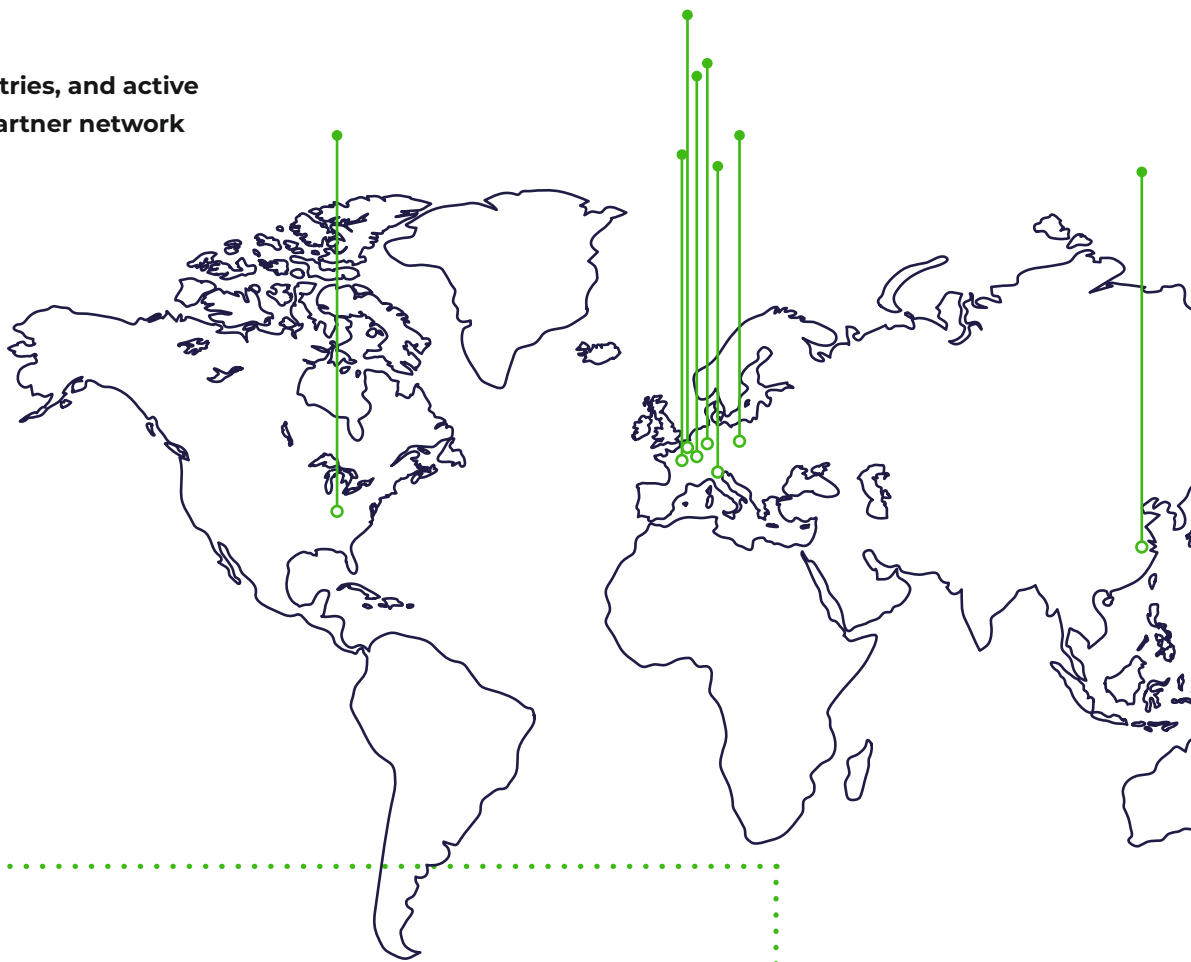
TKD is the distributor of Infinite Electronics, specialized in all types of cables. TKD has decades of experience in design and application technology, combined with a strong awareness of quality and environment. This gives our customers the security of receiving innovative and high-quality products, even for the most demanding requirements.



Footprint in 8 countries, and active globally with our partner network

Own branches in:

- Germany
- Belgium
- Netherlands
- Poland
- Italy
- France
- China
- USA



Globally active

Welcome to the product portfolio of TKD Kabel GmbH. We are one of the world's leading suppliers of cables, ready-to-connect cable systems and cable accessories.

Since 2023 we are part of Infinite Electronics, and since then a progressive and international player in the specialty cable and connectivity solutions market.

Infinite Electronics was formed from the merger of several successful companies in the cable and connectivity industry. The group of companies produces, distributes and assembles special cables as well as cable harnesses and accessories.



Distribution

knowledge company with added value in cables and accessories for wholesale and OEM customers with branches in the Netherlands, Belgium, Germany, Italy, Poland, France, China and the USA.



Assembly

customer-specific assembly of connectivity solutions for OEM customers with own locations in the Netherlands, Poland and Germany.



Production






the production of a wide range of special cables.



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Around the world, our team members work urgently to provide connectivity solutions and support, giving our customers what they need, when they need it.

Contents at a glance

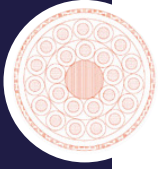
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Traveling cable selection guide

In the field of Traveling cables we offer a wide standard portfolio. In addition to our standard products, we will be happy to develop special Traveling cables together with you to suit your application.

Traveling cables										
traveling cable - type	construction	type			shielding		supporting element	halogen-free	suspension height, m	speed, m/s
		Control cable	Data cable	Hybrid cable	Element shield	Total shield				
FESTOONTEC® H05VVH6-F, (H)05VVH6-F	flat	x							45m	1,6 m/s
FESTOONTEC® H07VVH6-F, (H)07VVH6-F	flat	x							35m	1,6 m/s
FESTOONTEC® YCFLY, YFLCY (EMC)	flat	x			x				35m	1,6 m/s
FESTOONTEC® KYCFLY, KYFLCY (EMC)	flat	x			x				35m	1,6 m/s
FESTOONTEC® H05VVD3H6	flat	x					x		75m	1,6 m/s
FESTOONTEC® KYFLTY	flat	x					x		80m	1,6 m/s
FESTOONTEC® KYFLTFY	flat	x	x	x			x		50m	1,6 m/s
FESTOONTEC® KYFLTCY (EMC)	flat	x	x		x				35m	1,6 m/s
LIFTTEC® (H)05VE7A7VH6	flat	x	x	x	x				45m	6,0 m/s
FESTOONTEC® LSOH	flat	x						x	35m	6,0 m/s
LIFTTEC® KYSTY-MR-JZ	round	x					x		60m	1,6 m/s
LIFTTEC® FLGÖU	round	x					x		80m	1,6 m/s
LIFTTEC® K12YSTU11Y	round	x					x	x	50m	1,6 m/s
LIFTTEC® KYSTCY-MR (EMC)	round	x				x	x		60m	1,6 m/s
LIFTTEC® KYSTFY-MR	round	x	x	x	x		x		60m	1,6 m/s
LIFTTEC® STCN (EMC)	round	x				x	x		80m	1,6 m/s
LIFTTEC® K9YSTFU11Y	round	x	x	x	x		x	x	50m	1,6 m/s
LIFTTEC® K12YSTCU11Y (EMC)	round	x			x	x	x	x	50m	1,6 m/s
LIFTTEC® K2YSTFU11Y	round	x	x	x	x		x	x	40m	1,6 m/s
LIFTTEC® YSSTCY (EMC)	round		x			x	x		50m	1,6 m/s
LIFTTEC® YSSTVCY (EMC) - inkl. Coax 75Ω	round		x	x	x	x	x		50m	1,6 m/s
LIFTTEC® CAT.7 - PVC	flat		x		x	x	x		80m	10,0 m/s
LIFTTEC® CAT.7 - H-LC	flat		x		x	x	x	x	120m	6,3 m/s
LIFTTEC® CAT.7 - H	flat		x		x	x	x	x	80m	10,0 m/s





LIFTTEC®

Our **LIFTTEC® series** is particularly durable, suitable for mechanical stress and thus ideal for use in elevator applications. It is used to supply elevator applications with power, control pulses and data transmission and to meet the modern requirements of the IIoT, such as smart networking, convenience and data-driven analysis. Our portfolio includes elevator control cables and data cables, as round or flat cables, with or without supporting elements.



Go directly to LIFTTEC® product overview - Scan or click QR code

LIFTTEC® Highlights

LIFTTEC® KYSTY-MR

high-flexible lift control cable with supporting element for medium mechanical stress. Suitable for dry and humid rooms.



LIFTTEC® CAT.7 – H

data cable for communication with a personal computer in the elevator car or for networking purposes according to CAT.7 specifications. Suitable in dry and humid rooms.



LIFTTEC® FLGÖU

power and control cable in lift and conveyor facilities, machine-tools and construction machines, hoisting devices, dockyards and especially for teach pads as well as all weatherproofed machinery and facilities. Suitable for dry, humid and wet rooms also outdoor.



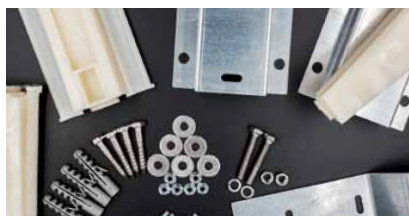
LIFTTEC® STCN (EMC)

lift cable, for trailing cable installation, drag chains and as control cable in conveyor facilities, machine-tools or as measure and signal transmission cable. Suitable for dry, humid and wet rooms and outdoor use.



LIFTTEC® lift components/ suspension sets LAR X, LAF 50, LAF 75 and LAF 90.

Cable suspension sets for wall and cabin mounting including mounting screws and mounting plates.



LAR X

Plastic suspension for 1-2 round cables
with external \varnothing 6.0 – 26.0 mm



LAF 50

Plastic suspension for 1-2 flat cables
up to max. 50.0 x 10.0 mm



LAF 75

Plastic suspension for 1-3 flat cables
up to max. 75.0 – 15.00 mm



LAF 90

Plastic suspension for 1-3 flat cables
up to max. 90.0 x 18.0 mm

Assembly of lift cables

Especially with the ever-increasing requirements, the assembly should not become an additional problem. We can provide you with a ready-to-install plug-and-play solution for many cables. This saves you time and effort in the shaft and you can concentrate on your own core competence.

Our product groups for elevator construction.

Whether network cables or bus cables, NYM cables for the safety circuits, motor connection cables, hybrid – Power&Data, cables for brakes, single-core wiring for the control cabinet as well as ordinary control cables and sensor-actuator wiring: TKD standard portfolio covers all requirements for today's lift systems.

Whether it is a question of passenger elevators or freight elevators, some of which have particularly high requirements in terms of resistance or load-bearing capacity, or load-bearing capacity. We offer various designs of elevator control cables, which differ depending on the application.

Our cables are thus an important component in elevator applications and contribute to a safe and reliable power and data supply. Should you ever reach your limits with our standard range, we are just as happy to support you in the development of a protected, customer-specific special cable for your own control system.



Traveling cable



Motor connection



Components



Floor cabling



Doors



Brake



Infotainment, data and communication



Supply cables



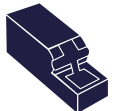
Cabinet wiring



Safety circuit and earthing



Assemblies



Accessories



PVC-control cables

ÖPVC-JB/OB	300/500V, 450/750V, 0,6/1kV, unshielded, CPR Eca
ÖPVC-JB/OB-ICY	300/500V, 0,6/1kV, shielded, transparent, CPR Eca
ÖPVC-JZ/OZ	300/500V, unshielded, CPR Eca
ÖPVC-JZ/OZ-ICY	300/500V, shielded, transparent, CPR Eca
ÖPVC-JZ/OZ-CY (LIICY-JZ/OZ)	300/500V, shielded, CPR Eca

Halogen-free control cables

FLAME-JZ/OZ-H FRNC - Dca	300/500V, unshielded, CPR Dca
FLAME-JZ/OZ-CH FRNC - Dca	300/500V, shielded, CPR Dca

Special single cores

ESUY opper ground wire	2kV Earthing Wire, shielded, transparent
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Electronic (LF), instrumentation & telecommunication cables

Cables for intrinsically safe circuits

Electronic cables

ELITRONIC® LIYY	DIN47100, 250V, unshielded, CPR Eca
ELITRONIC®-CY LIYCY	DIN47100, 250V, shielded, CPR Eca
PAARTRONIC®-CY LIYCY (TP)	DIN47100, 250V, twisted pairs, shielded, CPR Eca
PAARTRONIC®-CY-CY LIYCY-CY (TP)	DIN47100, 250V, twisted pairs, double shielded, CPR Eca

Halogen-free electronic cables

ELITRONIC®-CH LIHCH	DIN47100, 250V, shielded, CPR Eca
PAARTRONIC®-CH LIHCH (TP)	DIN47100, 250V, twisted pairs, shielded, CPR Eca

Hook up and installation cables

JE-Y(ST)Y Bd & JE-Y(ST)Y Bd EB	VDE0815, 225V, shielded, CPR Eca
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Telecommunication cables

J-Y(ST)Y Lg	VDE0815, 300V, shielded, CPR Eca
J-H(ST)H Bd	VDE0815, 300V, shielded, halogen-free, different CPR versions available

BUS, LAN, coaxial & video cables

PROFIBUS DP / FMS / FIP 150 Ohm & PROFIBUS PA 100 Ohm

PROFIBUS DP / FMS / FIP 150 Ohm

for fixed installation & limited flexible applications, UL/CSA, different CPR versions available

MULTIBUS & INTERBUS 100 - 120 Ohm

for fixed installation & limited flexible applications, UL/CSA,

MULTIBUS & INTERBUS 100 - 120 Ohm - HF

for high flexible applications (drag chain) UL/CSA

CAN BUS - ControllerAreaNetwork 120 Ohm

FLAME-JZ/OZ-H FRNC - Dca

for fixed installation & limited flexible applications, UL/CSA,

FLAME-JZ/OZ-CH FRNC - Dca

for high flexible applications (drag chain) UL/CSA

LAN | ETHERNET-Technology - for structured building cabling

LAN Cat.7 - 600, Cat.7A - 1000 & Cat.7e -1200..1500

for fixed installation & patch applications, different CPR versions available

Control and data cables – high flexible – for use in drag chains & robotic applications

KAWEFLEX® Control cables for use in drag chains

KAWEFLEX® 6310 SK-PVC UL/CSA

for normal requirements, DIN47100, 300V, unshielded, UL/CSA

KAWEFLEX® 6330 SK-PUR UL/CSA

for high requirements, DIN47100, 300V, unshielded, halogen-free, UL/CSA

Servo-drives, measurement & system cables - flexible & high flexible - for use in drag chains and robot applications

KAWEFLEX® SERVO 2YSL(St)CY... & 2YSL(St)CYK... 0,6/1 kV EMC

0,6/1kV, EMC optimized, double shielded, K: UV-resistant

KAWEFLEX® SERVO 2XSL(St)CY... & 2XSL(St)CYK... 0,6/1 kV EMC

0,6/1kV, EMC optimized, double shielded, K: cold flexible UV-resistant

KAWEFLEX® SERVO 2XSL(St)CHK... FRNC 0,6/1kV EMC

0,6/1kV, EMC optimized, double shielded, halogen-free, K: cold flexible, UV-resistant, CPR Cca

KAWEFLEX® 5er Series - Cables for servo-drives 0,6/1kV

for drag chain applications

KAWEFLEX® 5268 SK-C-PVC SERVO 0,6/1kV

0,6/1kV, unshielded, UL/CSA, n..MC500

KAWEFLEX® 5288 SK-C-PUR UL/CSA SERVO 0,6/1kV

for high requirements, 0,6/1kV, shielded, UL/CSA , n..MC800 PLUS



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***State-of-the-art
cables that deliver
extreme
performance.***

PVC-flat cables**for festoon & lift applications**

FESTOONTEC® H05VVH6-F, (H)05VVH6-F

300/500V, unshielded, HAR

FESTOONTEC® H07VVH6-F, (H)07VVH6-F

450/750V, unshielded, HAR

PVC special flat cables, unshielded and shielded**for festoon & lift applications**

FESTOONTEC® YCFLY, YFLCYK, KYCFLY, KYFLCY (EMC)

300/500V, shielded

FESTOONTEC® H05VVD3H6-F, KYFLTY, KYFLTFY, KYCFLTY, KYFLTCY (EMC)

300/500V, unshielded, steel supporting element

for lift applications

LIFTTEC® (H)05VE7A7VH6-F

300/500V, shielded data pairs

Halogen-free flat cables**for festoon & lift applications**

FESTOONTEC® LSOH, LSOH-C (EMC)

bis zu 06/1kV, unshielded, halogen-free

PVC lift cables

LIFTTEC® KYSTY, KYSTUY

300/500V, unshielded, textile supporting element

LIFTTEC® KYSTY-MR

300/500V, unshielded, textile supporting element,
for mid rise

LIFTTEC® YSSTCY, YSSTVCY (EMC)

DIN47100, 300V, shielded, steel supporting element

LIFTTEC® KYSTCY, KYSTCUY (EMC), KYSTFUY

300/500V, shielded, textile supporting element

LIFTTEC® KYSTCY-MR (EMC), KYSTFY-MR

300/500V, shielded, textile supporting element,
mid rise supported

LIFTTEC® CAT.7 - PVC

Cat7, shielded, steel supporting elements

Halogen-free lift cables

LIFTTEC® K12YSTU11Y

300/500V, unshielded, halogen-free, textile
supporting element

LIFTTEC® K9YSTCU11Y, K2YSTFU11Y, K9YSTFU11Y

300/500V, element shielded, halogen-free,
textile supporting element

LIFTTEC® CAT.7 - H

Cat.7, shielded, halogen-free, steel supporting
element, premium version

LIFTTEC® CAT.7 - H-LC

Cat.7, shielded, halogen-free, steel supporting
element**PVC control cables with and without supporting element****for lift applications**

LIFTTEC® YMHY-KT

300/500V, unshielded, textile supporting element

LIFTTEC® YMHY-KST

300/500V, unshielded, steel supporting element

LIFTTEC® FYMYTW

300/500V, unshielded, 2 steel supporting elements

Polychloropren control cables with supporting element**for lift applications**

LIFTTEC® FLGÖU

300/500V, unshielded, textile supporting element

LIFTTEC® STN

300/500V, unshielded, textile supporting element

LIFTTEC® STCN (EMC)

300/500V, shielded, textile supporting element

Cables and wires for fixed installation

PVC-insulated wiring cables

LIYvz, H05V-K, H07V-K

300/500V, 450/750V, Hook-up wires, HAR, CPR Eca

Halogen-free wiring cables

LIHvz, H05Z-K, H07Z-K

300/500V, 450/750V, Hook-up wires, HAR, CPR Eca

Installation cable

NYM

300/500V, VDE, CPR Eca

Halogen-free installation cable

NHXMH

300/500V, VDE, CPR Dca

High voltage cables

NY 0,6/1kV

0,6/1kV, UV-resistant, direct burial, VDE, CPR Eca

Networking. RJ45, Cat.6A.



Plug

RJ45 Cat.6a plug
field-wireable 10Gbit/s, Industrial use



Socket

RJ45 Cat.6a jack
field-wireable 10Gbit/s, Industrial use



Mounting rail

RJ45 Cat.6a mounting rail
field-terminable, 10Gbit/s, Industrial use



Pressing tool

RJ45 Cat.6a
crimping tool for field-wireable plugs and sockets

Service

Benefit from outstanding logistics services.

Our state-of-the-art and fully automated logistics centre in Nettetal and our logistics centres in the Netherlands, Poland, Italy and China ensure high availability of goods and fast delivery.

Our logistics – your advantage



Fully automated
Central warehouse



Drum types (disposable,
treated, untreated
in all sizes)



Rings
(All lengths, welded
in foil or blanco)



Customer markings



"Speed"
Deliveries



Site delivery



track & trace



Cladding with Lamiflex
or wood

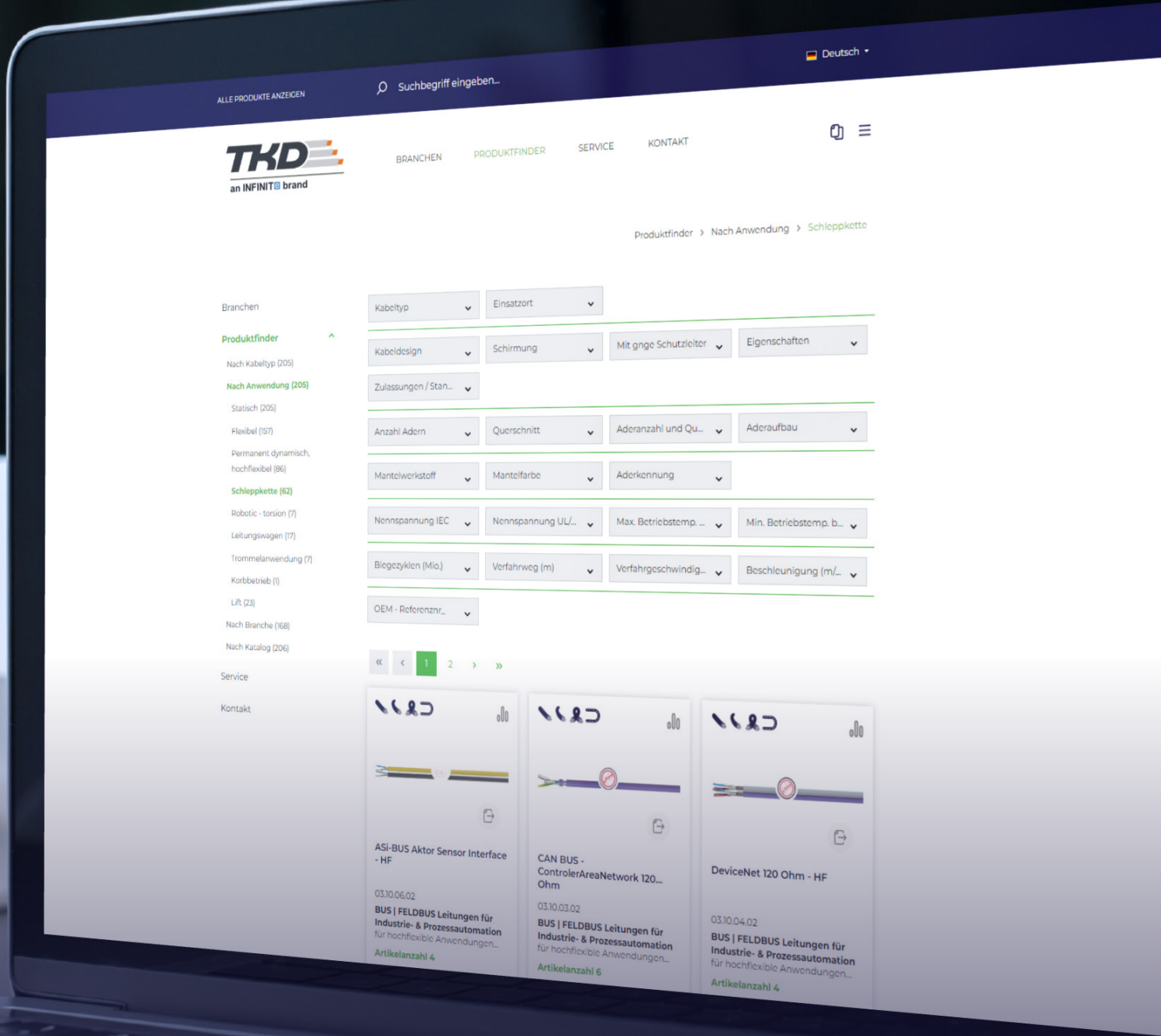


Special packaging



Ecologically compostable
filling material





**For the right choice of your cable
our product finder will help you:**



TKD CONNECTivity

Cable assembly, spiral cable, ready for connection cable and energy drag chain system

Cabling systems are the decisive basis for reliable operational processes – whether in mechanical engineering, automation technology, telecommunications or the chemical industry; whether in tank installations, in the audio, video and broadcasting sector or in security technology. Pre-assembled and ready-to-connect cable solutions from TKD help you to complete projects much more quickly and cost-effectively

With our innovative solution concepts divided into 4 areas **STANDARD**, **INDIVIDUAL**, **SERVICES** and **ADVANCED** you are also optimally positioned for all challenges.

STANDARD

- TKD CONNECT servo assemblies
- TKD CONNECT spiral cable
- TKD CONNECT network technology
- TKD CONNECT power connection cables

INDIVIDUAL

Customized solutions

SERVICES

- Logistics
- KanBan, Printing, Kitting
- Product development
- Product design
- Special packaging

ADVANCED

- Cable sets
- Cable harnesses
- Assemblies
- Woven ribbon cable
- Energy drag chain systems



TKD CONNECTivity

Service portfolio Individual & Advanced

CRIMP

SOLDERING

ULTRASONIC
VERDICT

WRAPPING

ASSEMBLY
WORK

CABLESETS

SPIRALIZATION

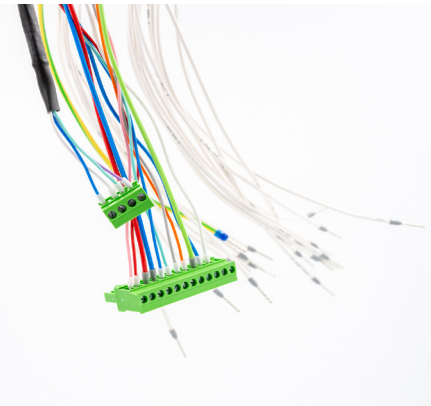
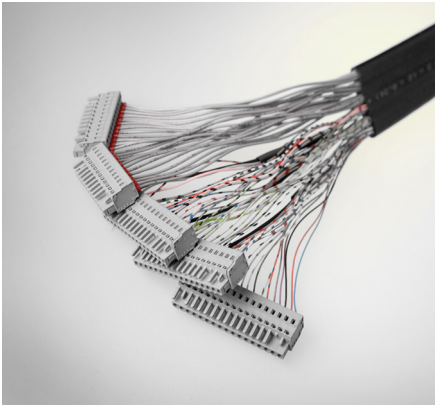
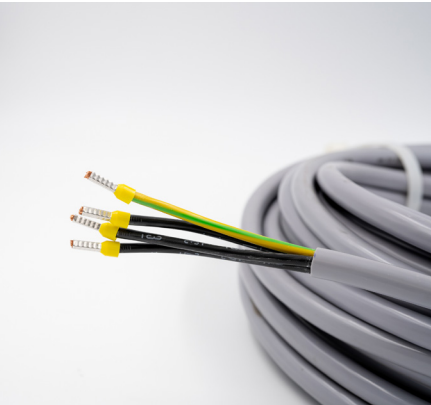
KITTING

STRIPPING

PARTIAL
STRIPPING

INDIVIDUAL
LENGTHS

WOVEN
TECHNOLOGY



TKD worldwide

Industries

Our companies are active in a broad selection of industries. Contact us to discuss our custom solutions for your specific industry.

- Machine building
- Industrial automation
- Energy
- Marine & offshore
- Automotive
- Public infrastructure
- Agriculture
- Lifts and escalators
- Transportation infrastructure
- Cranes & material handling
- Train, tram and metro industry
- Telecommunication and datacentres
- Food & beverage





TKDE
an INFINIT® brand

About Infinite Electronics

Infinite Electronics has a global portfolio of leading in-stock connectivity solution brands. Infinite's brands help propel the world's innovators forward by working urgently to provide products, solutions and real-time support for their customers. Infinite's brands serve customers across a wide range of industries with a broad inventory selection, same-day shipping and 24/7 customer service. Learn more at infiniteelectronics.com.

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