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Product Overview Cable and Connection Technology

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Lütze products stand up to the highest demands. Thanks to the wide choice of cables on offer, all your needs throughout your plant can be met – even those for the toughest jobs. We offer a range of cable assemblies, cable fittings (also suitable for difficult EMC environments) and cable conduits that create the optimal connection for all your applications.

1



over
1700
types
of cable



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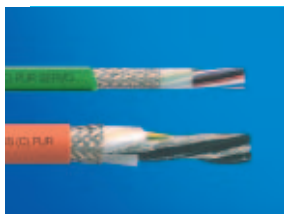
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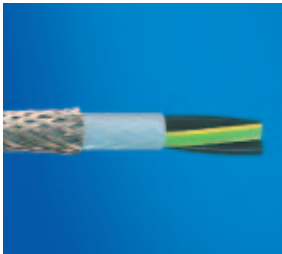
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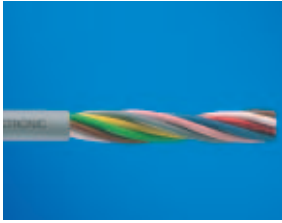
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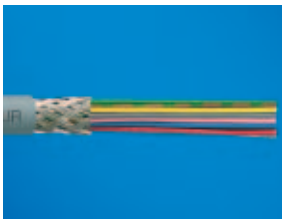
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1. Cable Assemblies

Consultation, Design, Assembly

Take advantage of our long experience and profit from our expertise with cable assemblies. Our skilled engineers will advise you and help you plan systems tailored to your needs. They will draw up the documentation and supply high-quality assemblies for your plant and installations. We offer you quick availability of over 1700 types of cables, including all common types of C-track cables, as well as almost 100 different varieties of conduits. Connectors, hydraulic and pneumatic accessories as well as other components are used in line with your requirements. We take care of the purchasing, stocking and assembly. Our modern production and test facilities – with 100% testing – guarantee the highest quality for all our products.



1.1 Consultation, Design, Assembly



C-track Cables

- from the design stage up to complete assembly, everything from one source
- pre-fabricated or complete, ready-to-install cable assemblies



Servo Cables

- assembly of all motor and feedback cables with all popular makes of connector
- 100% electrical testing
- to 6FX 8002, Indramat, Lenze and other leading manufacturers' standards



Bus Cables

- assembly of all bus and network cables with all popular makes of connector
- 100% electrical testing, compliance with common bus specifications
- specially designed for use in the harshest operating environments



Robotic Cables

- assembly of all robotic cables with all popular makes of connector
- 100% electrical testing
- specially designed for use in the harshest operating environments



Halogen free Cables

- assembly of all halogen free cables
- 100% electrical testing



Electronic Cables

- assembly of all electronic cables with all popular makes of connector
- 100% electrical testing
- down to the smallest cross-sections with the highest quality



Control Cables

- assembly of all control cables with all popular makes of connector
- 100% electrical testing ensures process safety



UL-approved Data- and Control Cables

- assembly of all UL approved data and control cables with all popular makes of connector and 100% electrical testing

Customised housings and models

- a wide variety of types and models assembled in line with your requirements



Encoder cables for signal transmission systems, motor connection cables for power transmission systems, to the 6FX 8002 standard

- all Siemens types, up to 20 metres in length, in 5 metre increments (5, 10, 15, 20 m) available for quick delivery!
- all intermediate lengths (between 0.5 m and 125 m) can also be delivered rapidly
- 100% compatible with Siemens systems
- other cable assemblies meeting the Siemens standard 6FX8002 are available on request

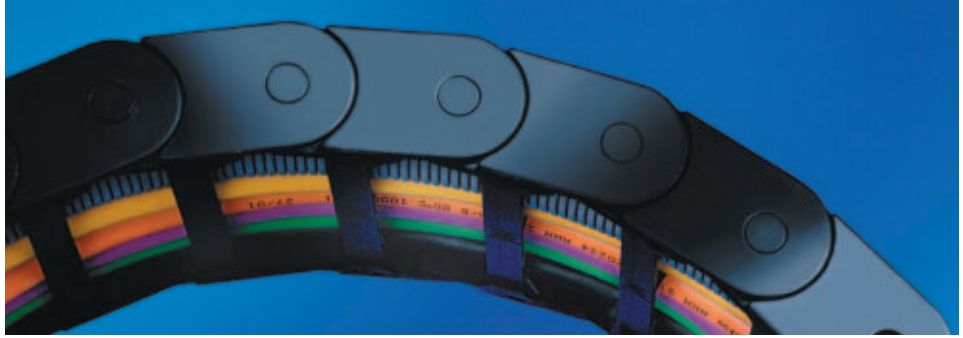
2. C-track Cables

Application:

Suitable as data, monitoring and instrumentation cables, subject to continuous flexing stresses. The overall copper shielding protects against external high-frequency interference.

Use with:

Robots, industrial handling systems, machine tools, construction of plant and equipment, transport and conveying systems, drag chains, as well as everywhere where signals have to be transmitted to constantly moving plant and machine parts.



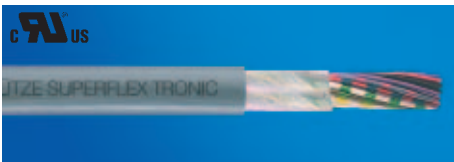
2.1 C-track cable assemblies



Consultation, Design, Assembly

- from the design stage up to complete assembly, everything from one source
- pre-fabricated or complete, ready-to-install cable assemblies

2.2 PVC C-track cables



LÜTZE SUPERFLEX® TRONIC

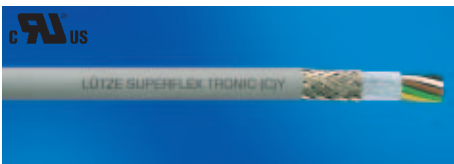
- UL approved PVC electronic cable with colour-coded conductors
- suitable as data, monitoring and instrumentation cables
- for flexible continuous operation and drag chains, with low to medium stress
- cross-section 0.14 – 0.34mm², 300V



LÜTZE SUPERFLEX® N

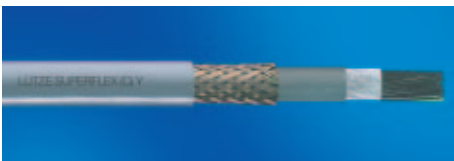
- PVC control cable with colour-coded conductors
- suitable as data, monitoring and instrumentation cables in plant and machine construction
- for flexible continuous operation and drag chains, with low to medium stress
- cross-section 0.5 – 35mm², 300/500V

2.3 PVC C-track cables with screen



LÜTZE SUPERFLEX® TRONIC (C)Y

- UL approved PVC electronic cable with colour-coded conductors
- suitable as data, monitoring and instrumentation cables
- for flexible continuous operation and drag chains, with low to medium stress
- cross-section 0.14 – 0.34mm², 300V



LÜTZE SUPERFLEX® N (C)Y

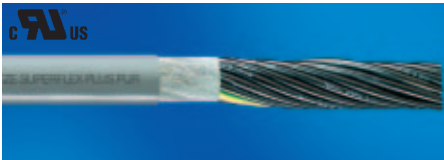
- PVC control cable with colour-coded conductors
- suitable as data, monitoring and instrumentation cables in plant and machinery construction
- for flexible continuous operation and drag chains, with low to medium stress
- cross-section 0.5 – 25mm², 300/500V

2.4 PUR C-track cables



LÜTZE SUPERFLEX® N PUR

- halogen and PVC free PUR control cable with colour coded conductors
- for flexible continuous operation and drag chains, with low to medium stress
- where demands are made for flexibility at low temperatures and resistance to abrasion, oil and chemicals, cross-section 0.5 – 25mm², 300/500V



LÜTZE SUPERFLEX® PLUS N PUR

- UL approved halogen free PUR control cable with numbered TPE conductors
- for flexible continuous operation and drag chains, with the highest stress
- where demands are made for flexibility at low temperatures and resistance to abrasion, oil and chemicals, cross-section 0.5 – 25mm², 300/500V



LÜTZE SUPERFLEX® PLUS N PUR Servo / Motor

- UL approved halogen free PUR motor connection cables to the DESINA standard
- for flexible continuous operation and drag chains, with the highest stress
- where demands are made for flexibility at low temperatures and resistance to abrasion, oil and chemicals, cross-section 1.5 – 50mm², 0.6/1kV



LÜTZE SUPERFLEX® ASB PUR Kombi

- PUR connection cable for actuators and sensors
- see chapter Actuator-Sensor cables

2.5 PUR C-track cables with screen



LÜTZE SUPERFLEX® TRONIC (C)PUR

- UL approved halogen free PUR electronic cable with colour-coded TPE conductors
- for flexible continuous operation and drag chains
- for fast movement cycles with low mechanical loading
- high active and passive noise immunity
- cross-section 0.14 – 0.34mm², 300V



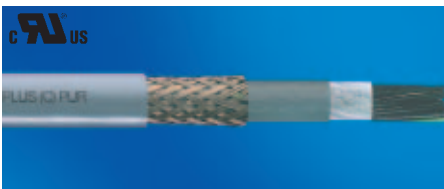
LÜTZE SUPERFLEX® TRONIC (C)PUR TP

- UL approved halogen free PUR data cable with screen and with colour-coded TPE conductors
- for flexible continuous operation and drag chains
- for fast movement cycles with low mechanical loading
- cross-section 0.14 – 0.34mm², 300V



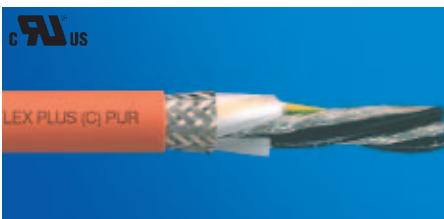
LÜTZE SUPERFLEX® N(C)PUR

- halogen and PVC free PUR control cable, with screen, and with numbered conductors
- for flexible continuous operation and drag chains
- where demands are made for flexibility at low temperatures and resistance to abrasion, oil and chemicals
- high active and passive noise immunity
- cross-section 0.5 – 25mm², 300/500V



LÜTZE SUPERFLEX® PLUS N(C)PUR

- UL approved halogen free PUR control cable with screen and with numbered TPE conductors
- for flexible continuous operation and drag chains, with the highest stress
- where demands are made for flexibility at low temperatures and resistance to abrasion, oil and chemicals
- high active and passive noise immunity
- cross-section 0.5 – 25mm², 300/500V



LÜTZE SUPERFLEX® PLUS N(C)PUR Servo / Motor/Brake

- UL approved halogen free PUR motor connection cables, with screen, to the DESINA standard
- high surge voltage resistance and screening attenuation
- ideal for use with frequency inverters
- for flexible continuous operation and drag chains, with the highest stress
- where demands are made for flexibility at low temperatures and resistance to abrasion, oil and chemicals, cross-section 1.5 – 50 mm², 0.6/1kV



LÜTZE SUPERFLEX® PLUS N (C)PUR Servo / Resolver / Encoder

- UL approved halogen free PUR encoder cables to the DESINA standard
- high active and passive noise immunity
- for flexible continuous operation and drag chains, with the highest stress
- where demands are made for flexibility at low temperatures and resistance to abrasion, oil and chemicals



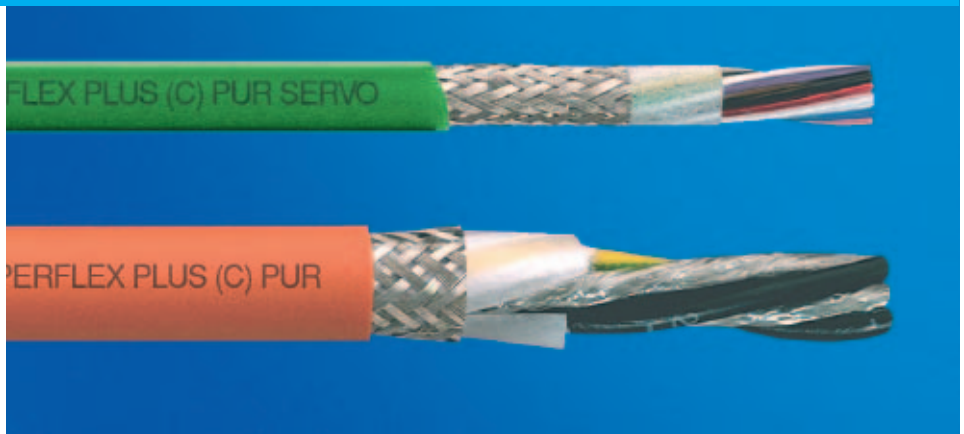
LÜTZE SUPERFLEX® BUS (C)PUR Network cables

- UL approved halogen free BUS and network cables
- for use with industrial field bus systems, such as Profibus, Interbus, CAN, DeviceNet, Ethernet, Profinet
- for flexible continuous operation and drag chains, with the highest stress
- where demands are made for flexibility at low temperatures and resistance to abrasion, oil and chemicals

3. Servo/Motor/Feedback Cables

The LÜTZE SUPERFLEX® PLUS servo and motor cables, with their particularly low capacitance, are ideal for drives of all types but especially for motors with frequency inverters.

The insulation material is characterised electrically by high withstand voltage and low inductive capacity, and mechanically by the best anti-friction properties, mechanical strength and temperature-neutral flexibility. Together with a full PUR jacket, these cables are ideal for use with drag chains, in the harshest operating environments and with aggressive coolants and lubricants.



3.1 Servo cable assemblies



Consultation, Design, Assembly

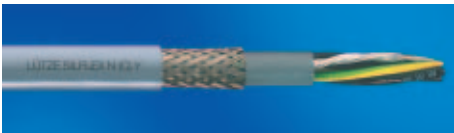
- assembly of all servo cables
- 100% electrical testing
- all popular makes of connector
- to 6FX 8002 standard
- to Indramat, Lenze and other leading manufacturers' standards

3.2 PVC Servo/Motor cables



LÜTZE-SILFLEX® M(C)Y motor cables with screen

- PVC motor connection cables
- for flexible usage with free movement and low mechanical stress
- cross-section 1.5 – 25 mm², 0.6/1kV



LÜTZE-SILFLEX® M(C)Y motor cables

- version with control pair for motors with motor protection device
- for flexible usage with free movement and low mechanical stress
- cross-section 1.5 – 25mm², 300/500V and 0.6/1kV

3.3 PUR Servo/Motor cables



LÜTZE SUPERFLEX® PLUS N PUR Servo / Motor cables

- UL approved halogen free PUR motor connection cables to the DESINA standard
- for continuous flexible operation and drag chains, with the highest stress
- where demands are made for flexibility at low temperatures and resistance to abrasion, oil and chemicals
- cross-section 1.5 – 50mm², 0.6/1kV

3.4 PUR Servo/Motor cables with screen



LÜTZE SUPERFLEX® PLUS N(C)PUR Motor cables

- UL approved halogen free PUR motor connection cables, with screen, to the DESINA standard
- high surge voltage resistance and screening attenuation
- ideal for use with frequency inverters
- for continuous flexible operation and drag chains, with the highest stress
- where demands are made for flexibility at low temperatures and resistance to abrasion, oil and chemicals,
- cross-section 1.5 – 50 mm², 0.6/1kV



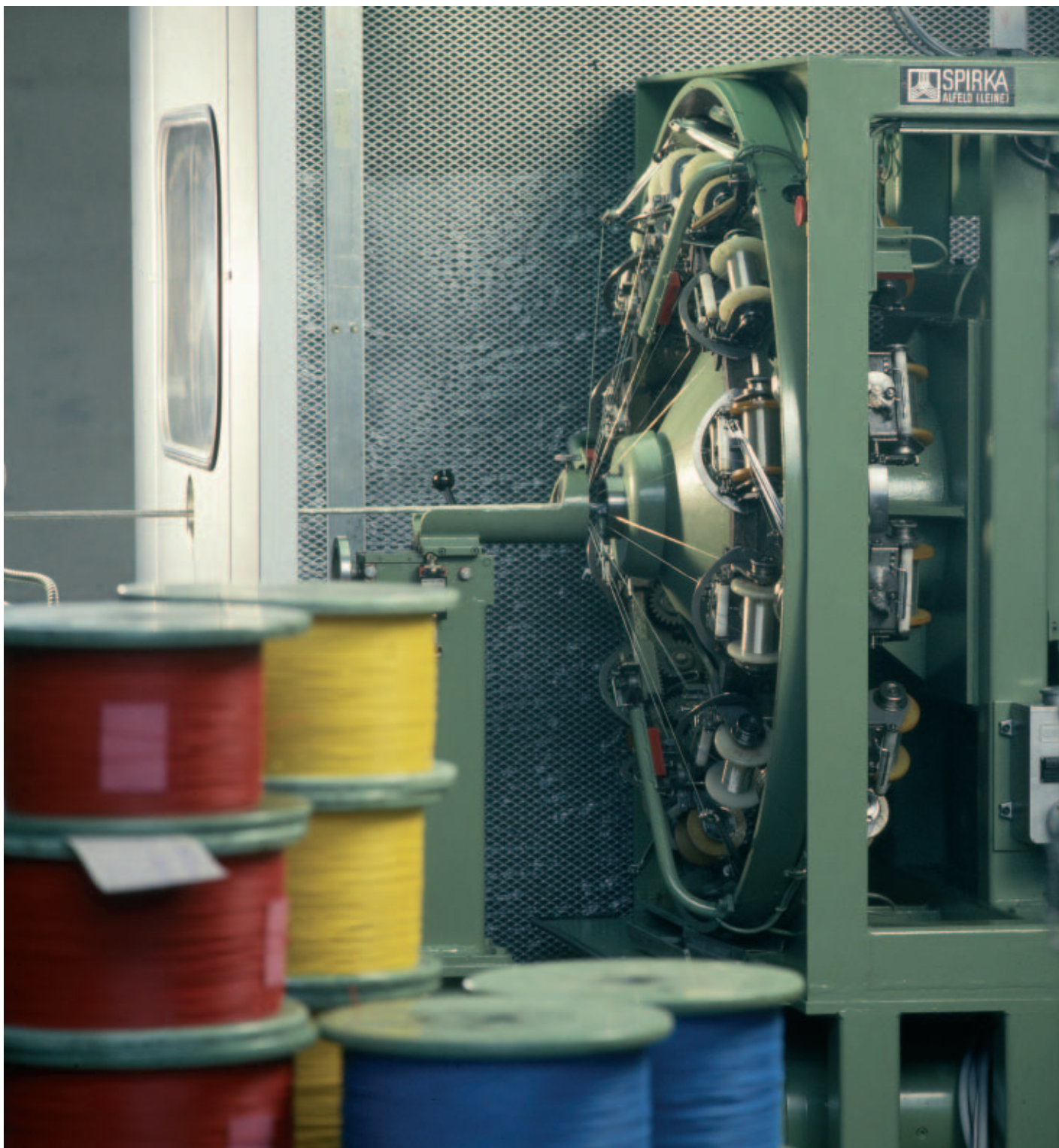
LÜTZE SUPERFLEX® PLUS N(C)PUR Servo / Motor / Brake

- UL approved halogen free PUR motor connection cables, with screen, to the DESINA standard
- with one or two control pairs, specially for use with frequency inverters
- high surge voltage resistance and screening attenuation
- for continuous flexible operation and drag chains, with the highest stress
- where demands are made for flexibility at low temperatures and resistance to abrasion, oil and chemicals
- cross-section 1.5 – 50 mm², 0.6/1kV



LÜTZE SUPERFLEX® PLUS (C)PUR Resolver / Encoder

- UL approved halogen free PUR incremental encoder cables, with screen, to the DESINA standard
- high active and passive noise immunity
- for continuous flexible operation and drag chains, with the highest stress
- where demands are made for flexibility at low temperatures and resistance to abrasion, oil and chemicals



Precision working of a braiding machine – a pre-requisite for maximum screening attenuation

4. Bus and Network Cables



Application:

For cabling industrial field bus systems such as Profibus, Interbus, F.I.P., SINEC L2 and CANbus

Use in:

Automation, machine tools, construction of plant and equipment, transport and conveying systems. For either fixed installation or for constantly moving use, for example in C-tracks.



4.1 Bus cable assemblies



Consultation, Design, Assembly

- assembly of all bus and network cables
- 100% electrical testing
- with all popular makes of connector
- compliance with common bus specifications
- tailored exactly to your requirements

4.2 PVC Bus cables



LÜTZE ELECTRONIC BUS (C) Y

- UL approved BUS- and network cables with PVC jacket
- For cabling industrial field bus systems such as Profibus, Interbus, CAN, CC-Link
- for flexible usage with free movement and low mechanical stress

4.3 PUR/TPE Bus cables



LÜTZE ASI-BUS

- system cable for connecting Actuator-Sensor-Interface components
- various types of jacket construction for differing requirements
- for fast connection with reverse polarity protection



LÜTZE SUPERFLEX® BUS (C) PUR

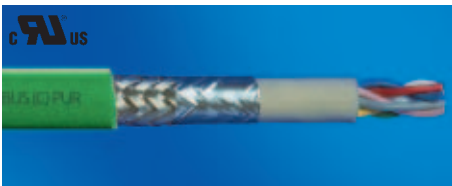
- UL approved halogen free BUS and network cables
- for cabling industrial field bus systems such as Profibus, Interbus, CAN, DeviceNet, ASI
- for flexible continuous operation and drag chains, with the highest stress
- where demands are made for flexibility at low temperatures and resistance to abrasion, oil and chemicals

4.4 Ethernet/Profinet Bus cables



LÜTZE ELECTRONIC Ethernet BUS (C) Y

- UL approved Ethernet cable with PVC jacket
- for constructing industrial Ethernet networks
- for structured cabling in industrial zones
- category 5 to ISO/IEC 110801 and EN 50173 Class D



LÜTZE SUPERFLEX® Ethernet BUS (C) PUR

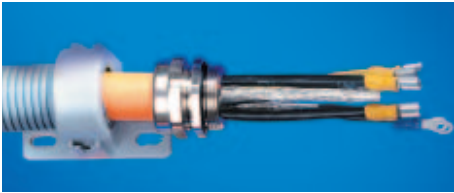
- UL approved halogen free Ethernet cable with PUR jacket
- for constructing industrial Ethernet networks
- for structured cabling in industrial zones
- category 5 to ISO/IEC 110801 and EN 50173 Class D
- for flexible continuous operation and drag chains, with the highest stress

5. Robotic cables

Robotic cables normally undergo flexing and torsional stresses simultaneously. Cables suitable for use with robots thus require their own special construction, which is different from that for a C-track cable. Thanks to their full PUR jacket and TPE conductor insulation the Lütze SUPERFLEX® ROBOT cables are ideal for the harshest operating environments and aggressive coolants and lubricants.



5.1 Robotic cable assemblies



Consultation, Design, Assembly

- assembly of all robotic cables with all popular makes of connector
- 100% electrical testing
- with all popular makes of connector
- specially designed for use in the harshest operating environments

5.2 PUR Robotic cables



LÜTZE SUPERFLEX® PLUS Robot N PUR

- halogen free PUR robotic cable with numbered TPE conductors
- for flexible continuous operation with torsional stress
- where demands are made for flexibility at low temperatures and resistance to abrasion, oil and chemicals

5.3 PUR Robotic cable with screen



LÜTZE SUPERFLEX® PLUS Robot N (C)PUR

- halogen free PUR robotic cable with numbered TPE conductors
- for flexible continuous operation with torsional stress
- where demands are made for flexibility at low temperatures and resistance to abrasion, oil and chemicals



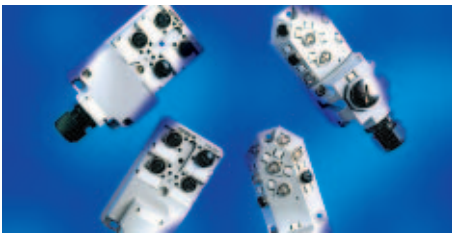
LÜTZE SUPERFLEX® cable in use

6. Actuator-Sensor cables

Time consuming hard-wired terminal boxes are now a thing of the past. Modern distribution systems permit quick and cost-effective installation. Lütze distribution systems with M8 and M12 circular connectors offer these advantages. M8 and M12 connecting cables, as well as plug-in connectors for self-assembly, supplement the extensive product range.



6.1 PUR Actuator-Sensor cables



Lütze Actuator-Sensor Boxes, IP 68 protection

- M8 or M12
- Ready-to-connect distribution boxes, supplied with encapsulated connection cable or for self-assembly via terminals and cable gland



Lütze Actuator-Sensor Cables

- M8 or M12, with or without screen, straight or angled.
- Cables 3 to 8 pin, with open end or as complete assembly



Accessories

for Lütze Actuator-Sensor Boxes and Cables ...

- Round plug-in connectors of all types for self-assembly
- T-couplers M12/M12, M12/M8, connection cables for the boxes etc.



LÜTZE ELECTRONIC LiY PUR AS

- PUR connector cable with colour-coded conductors for actuators and sensors
- outside diameter ideal match for actuators and sensors
- for flexible usage with free movement and low mechanical stress
- high resistance to abrasion, high resistance to oil and coolants

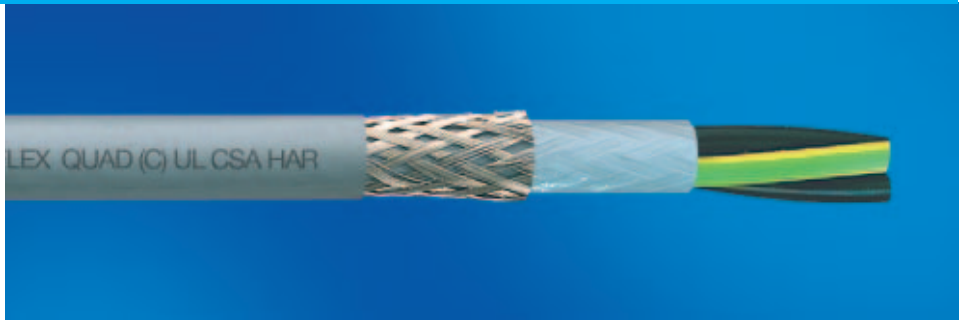


LÜTZE SUPERFLEX® ASB PUR Kombi

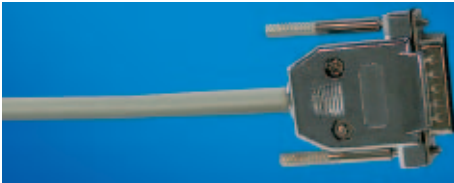
- PUR connector cable with colour-coded conductors for actuators and sensors
- for flexible continuous operation and drag chains, with medium stress

7. Control Cables

The 'workhorse' specially for industrial environments, in machine, plant and equipment construction, transport and conveying systems. The shielded cable prevents penetration or emission of electrical interference. For flexible usage with free movement and low mechanical stress



7.1 Control cable assemblies



Consultation, Design, Assembly

- assembly of all control cables
- all popular makes of connector
- 100% electrical testing ensures process safety

7.2 PVC Control cables



LÜTZE-SILFLEX® N

- flexible PVC control cable with numbered conductors and grey PVC outer jacket
- for free movement without tensile load
- in machine and equipment construction, transport and conveying systems, HVAC
- cross-section 0.5 – 50mm², 300/500V



LÜTZE-SILFLEX® B

- flexible PVC control cable with numbered conductors and grey PVC outer jacket
- cross-section 0.5 – 50mm², from 2 – 5 conductors, 300/500V



LÜTZE-SILFLEX® EN

- intrinsically safe PVC control cable with numbered conductors and blue outer jacket
- data, monitoring and instrumentation cables in intrinsically safe circuits (to DIN VDE 0165 Pt.1)
- cross-section 0.5 – 1.5mm², 300/500V



LÜTZE-SILFLEX® QUAD N UL CSA HAR

- approved, flexible PVC control cable with numbered conductors and grey PVC outer jacket
- especially for systems destined for export, virtually worldwide use thanks to <HAR> UL and CSA approvals
- cross-section 0.5 – 2.5mm², 300/500V



LÜTZE-SILFLEX® ORC CNOMO

- flexible PVC control cable with numbered conductors and grey PVC outer jacket
- very oil-stable insulation and jacket material, complies with the French automobile industry standard (CNOMO)
- cross-section 0.75 – 16mm², 300/500V, UL/CSA 600V

7.3 PVC Control cables with screen



LÜTZE-SILFLEX® N(C)Y

- flexible PVC control cable, with screen, and with numbered conductors and grey PVC outer jacket
- for free movement without tensile load
- for use everywhere, where electrical noise can interfere with signal transmission
- cross-section 0.5 – 35mm², 300/500V



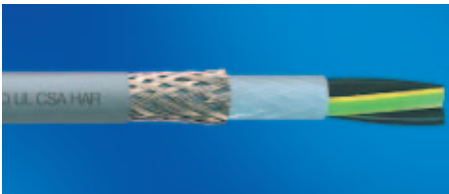
LÜTZE-SILFLEX® NSY

- flexible PVC control cable with numbered conductors and transparent outer jacket
- the galvanised steel wire braid offers very effective protection against magnetic interference fields and mechanical stresses.
- cross-section 0.5 – 10mm², 300/500V



LÜTZE-SILFLEX® EN (C)Y

- intrinsically safe PVC control cable, with screen, and with numbered conductors and blue outer jacket
- data, monitoring and instrumentation cables in intrinsically safe circuits (to DIN VDE 0165 Pt.1)
- cross-section 0.75 – 1.5mm², 300/500V



LÜTZE-SILFLEX® QUAD N(C)Y UL CSA HAR

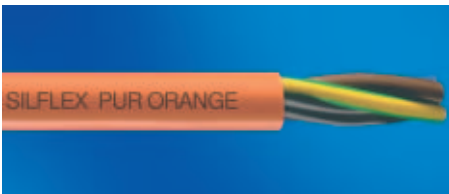
- approved, flexible PVC control cable, with screen, and with numbered conductors and grey PVC outer jacket
- especially for systems for export, virtually worldwide use thanks to <HAR> UL and CSA approvals
- cross-section 0.75 – 2.5mm², 300/500V, UL/CSA 600V

7.4 PUR Control cables



LÜTZE-SILFLEX® N PUR

- halogen and PVC free PUR control cable with numbered conductors and grey outer jacket, abrasion resistant, cut resistant
- for free movement without tensile load
- in machine and equipment construction, transport and conveying systems, HVAC
- cross-section 0.5 – 50mm², 300/500V



LÜTZE-SILFLEX® PUR orange

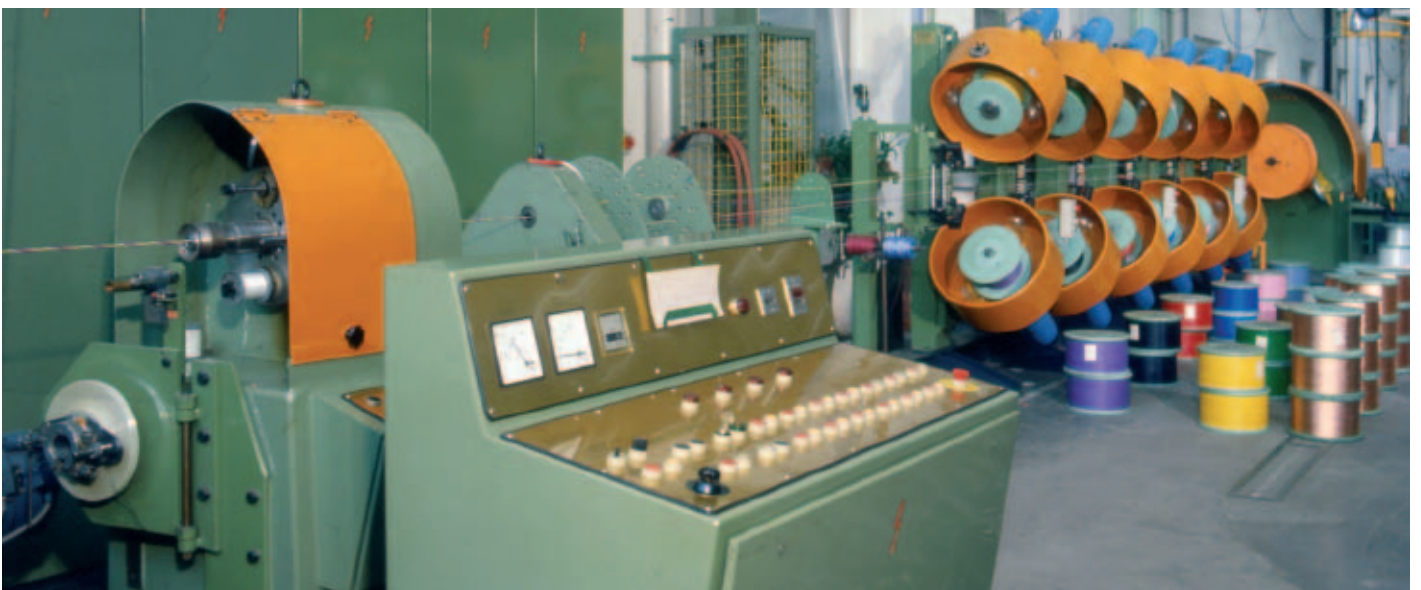
- flexible PUR control cable with colour-coded conductors, orange outer jacket
- orange outer jacket for interlocking power circuits that remain live after the main power circuit has been switched off.
- cross-section 0.5 – 16mm², 300/500V

7.5 PUR Control cables with screen



LÜTZE-SILFLEX® N(C)PUR

- halogen and PVC free PUR control cable, with screen, and with numbered conductors and grey outer jacket, abrasion resistant, cut resistant
- for free movement without tensile load
- for use everywhere, where electrical noise can interfere with signal transmission
- cross-section 0.5 – 35mm², 300/500V



Stranding machine for light, flexible cables

8. Electronic Cables

Application:

Suitable as data, monitoring and instrumentation cables in the electronics field. The overall copper shielding protects against external high-frequency interference.

Use with:

Machine tools, construction of plant and equipment, HVAC, refrigeration and cooling plant as well as many other areas of application.



8.1 Electronic cable assemblies



Consultation, Design, Assembly

- assembly of all electronic cables
- 100% electrical testing
- with all popular makes of connector
- down to the smallest cross-sections with the highest quality

8.2 PVC Electronic cables



LÜTZE ELECTRONIC LIYY

- PVC electronic cable with colour-coded conductors and grey PVC outer jacket
- suitable as data, monitoring and instrumentation cable in low voltage switchgear, telecommunications and communications engineering
- for flexible applications with free movement and without tensile load
- cross-section 0.14 – 0.75 mm²



LÜTZE ELECTRONIC LIYY AWG

- UL approved PVC control cable with black outer jacket
- ideal for insulation piercing contact
- AWG 26 (0.14²) - AWG 20 (0.56²)

8.3 PVC Electronic cables with screen



LÜTZE ELECTRONIC LIY(C)Y

- PVC electronic cable, with screen, with colour-coded conductors and grey PVC outer jacket
- for data transmission free of interference in all areas of electronics, measurement and control
- for flexible applications with free movement and without tensile load
- cross-section 0.14 – 1.50 mm², 300V



LÜTZE ELECTRONIC LIY(C)Y TP

- twisted-pair PVC data cable with colour-coded TPE conductors and grey PVC jacket
- paired construction leads to high crosstalk attenuation; high active and passive noise immunity
- for data transmission free of interference in all areas of control
- for flexible applications with free movement and without tensile load
- cross-section 0.14 – 0.34 mm², 300V



LÜTZE SUPERFLEX® TRONIC (C)Y

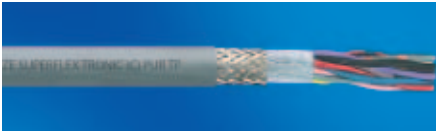
- electronic cable suitable for C-tracks
- see chapter C-track cables



LÜTZE ELECTRONIC LIY(C)Y AWG

- UL approved PVC control cable with black outer jacket
- ideal for insulation piercing contact
- AWG 26 (0.14²) - AWG 20 (0.56²)
- for data transmission free of interference in all areas of electronics and control

8.4 PUR Electronic cables with/without screen



LÜTZE SUPERFLEX® TRONIC(C)PUR TP

- electronic cable suitable for C-tracks
- see chapter C-track cables



LÜTZE ELECTRONIC LiY PUR AS

- electronic cable suitable for C-tracks
- see chapter Actuator-Sensor cables



Continual testing and monitoring of the production quality

9. Halogen free Data and Control Cables

In the event of a fire, halogen free cables prevent injury to persons and damage to material assets.

The deployment of halogen free cables is obligatory in public buildings and in areas with a high concentration of people, as well as where high levels of safety are required (e.g. in tunnels).



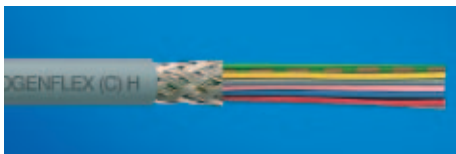
9.1 Halogen free electronic cable assemblies



Consultation, Design, Assembly

- assembly of all halogen free cables
- 100% electrical testing
- down to the smallest cross-sections with the highest quality

9.2 Halogen free electronic cables with screen



LÜTZE HALOGENFLEX LiH(C)H-D

- halogen free, environmentally-friendly electronic cable with colour-coded conductors and grey jacket
- used wherever the release of halogens must be avoided in the case of fire, as well as in areas with a high concentration of people or material assets
- paired stranding leads to high crosstalk attenuation; high active and passive noise immunity
- cross-section 0.14 – 0.75mm²



LÜTZE HALOGENFLEX LiH(C)H-D TP

- halogen free, environmentally-friendly, pair-stranded electronic cable with colour-coded conductors and grey jacket
- used wherever the release of halogens must be avoided in the case of fire, as well as in areas with a high concentration of people or material assets
- paired stranding leads to high crosstalk attenuation; high active and passive noise immunity
- cross-section 0.14 – 0.75mm²

9.3 Halogen free PUR cables



LÜTZE-SILFLEX® N PUR

- halogen free PUR control cable
- see chapter PUR control cables



LÜTZE SUPERFLEX® N PUR

- halogen free PUR control cable
- see chapter PUR C-track cables



LÜTZE SUPERFLEX® PLUS N PUR

- halogen free PUR control cable
- see chapter PUR C-track cables



9.4 Halogen free PUR cables with screen



LÜTZE-SILFLEX® N(C)PUR

- halogen free PUR control cable
- see chapter PUR control cables



LÜTZE SUPERFLEX® TRONIC (C)PUR

- halogen free PUR electronic cable
- see chapter PUR C-track cables



LÜTZE SUPERFLEX® N(C)PUR

- halogen free PUR electronic cable
- see chapter PUR C-track cables



LÜTZE SUPERFLEX® PLUS N(C)PUR

- halogen free PUR electronic cable
- see chapter PUR C-track cables



10. UL approved Data and Control Cables

UL and CSA approvals are now known and recognised as safety inspection marks, not only just in North America but all over the world.

UL and CSA approvals can prove a major help to the export-oriented equipment, machine and plant industries in gaining access to overseas markets.



10.1 Cable assemblies



Consultation, Design, Assembly

- assembly of all UL approved data and control cables
- 100% electrical testing

10.2 Without screen



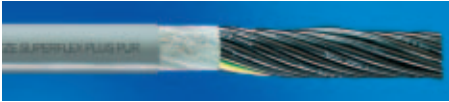
LÜTZE-SILFLEX® QUAD N

- PVC control cable
- see chapter PVC control cables



LÜTZE SUPERFLEX® TRONIC

- PVC electronic cable
- see chapter PVC C-track cables



LÜTZE SUPERFLEX® PLUS N PUR

- PUR control cable
- see chapter PVC C-track cables

10.3 With screen



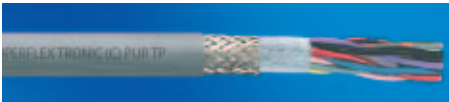
LÜTZE-SILFLEX® QUAD N(C)Y

- PVC control cable
- see chapter PVC control cables



LÜTZE SUPERFLEX® TRONIC(C)PUR

- PUR electronic cable
- see chapter PUR C-track cables



LÜTZE SUPERFLEX® TRONIC (C)PUR TP

- PUR data cable
- see chapter PUR C-track cables



LÜTZE SUPERFLEX® PLUS N(C)PUR

- PUR control cable
- see chapter PUR C-track cables



LÜTZE SUPERFLEX® PLUS N(C)PUR

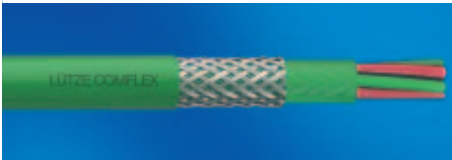
- PUR servo cables
- see chapter PUR C-track cables



LÜTZE SUPERFLEX® BUS (C)PUR

- PUR BUS cables
- see chapter PUR BUS cables

11. Compensating Cables



LÜTZE COMPLEX

- for exact temperature measurement and control with thermocouples in all processes
- choice of PVC jacket, galvanised steel braid and PVC jacket or silicon jacket for temperatures up to + 180°C

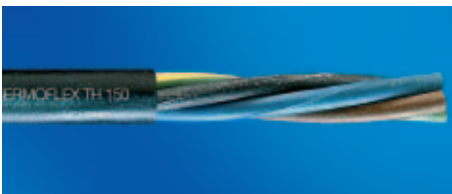
12. Spiral Cables



LÜTZE PURFLEX

- PUR spiral and helical cable with abrasion-resistant jacket and high restoring force
- for machine tools in plant and equipment construction, for lifting platforms and gate drives

13. Temperature-resistant Cables



LÜTZE THERMOFLEX TH 150

- temperature-resistant halogen free control cable based on polyolefin
- ideal for use in furnace construction, HVAC and in machine construction, thanks to its high abrasion resistance
- temperature range -50°C to +150°C
- cross section 1.5 – 2.5mm²



LÜTZE SILICON SIHF

- temperature-resistant halogen free silicon control cable
- for use in furnace construction, HVAC, machine construction, and in the glass, cement and ceramic industries
- temperature range -60°C to +180°C
- cross section 0.5 – 25mm²

Single conductors (no photo)

- Teflon-FEP, Teflon-PTFE, nickel stranded conductor GL, silicon SIAF

14. Cable Accessories

To complete the Lütze cable range we offer a multitude of cable glands, cable entry systems and protective conduits in a wide variety of materials and versions.



14.1 Cable glands



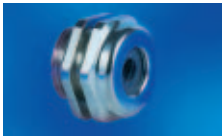
Lütze CABLEFIX – the universal cable entry system for actuator, sensor, bus and control cables

Faster, easier, more clearly laid-out!



Lütze plastic glands and accessories

Over 60 different types available, including metric and PG versions



Lütze metal glands and accessories

- Over 40 different types
- metric and PG versions available

- PG and metric EMC glands for optimal shielding



14.2 Cable conduits



Lütze CONDUFLEX cable conduit CF-EL in PVC and PUR versions with plastic conduit fitting CP EL grey

- with welded hard PVC spiral
- high flexibility and form stability



Lütze CONDUFIX cable conduit CX-PA in polyamide PA 6 with plastic fitting CXD

- halogen free and flame retardant
- flexible corrugated cable conduit with good chemical resistance



Lütze WELLFLEX cable conduit WF in PE version with conduit clamp WFH

- halogen free
- highly flexible cable conduit for use with moving equipment parts, for example control panel doors.

14.3 Installation accessories and tools



Installation accessories and tools

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C-track systems
- ▶ Lütze-LSC-wiring
systems for all
standard control
panels
- ▶ Powerful module and
interface technology
- ▶ Reliable suppression
technology
- ▶ Efficient power
supplies
- ▶ Automation systems
for harsh environments

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