Innovations 2023 July





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Cables

Our product brands ÖLFLEX[®], UNITRONIC[®], ETHERLINE[®] and HITRONIC[®]. In all variations for every requirement.

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Cable Glands

Sealing and strain-relieving cable entry.

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Connectors

For reliable plug-in connections - even after several mating cycles.

Tools and accessories

Everything you need to work with and install cables.

EPIC [®] DATA FFC-LC assembly accessories	
EPIC® DATA FFC-SC assembly accessories	
EPIC [®] DATA FFC-LC starter kit	
EPIC® DATA FFC-SC starter kit	
HITRONIC [®] FO tool kit	
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Power and control cables



Technical Data



Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000104 ETIM 5.0/6.0 Class-Description: Control cable



Core identification code White with black numbers



Conductor stranding SRC (special round conductor) 19 or 37 wires acc. to EN 50306-1



Minimum bending radius Fixed installation:

≤ 12 mm: 4 x OD / 3 x OD*
> 12 mm: 5 x OD / 4 x OD*
* for careful bending, once at connecting terminal
Occasional flexing:
≤ 12 mm: 5 x OD
> 12 mm: 6 x OD
(OD = outer diameter)



Nominal voltage U₂: 600 V AC





Test voltage 3,5 kV AC; 8,4 kV DC



Protective conductor G = with GN-YE protective conductor X = without protective conductor



Temperature range Fixed installation:

-45 °C to +125 °C (20.000 h) -50 °C acc. to GOST 20.57.406-81 Occasional flexing: -35 °C to +105 °C Short circuit: +160 °C (5s)

ÖLFLEX[®] TRAIN 310 TW-P 300V

Halogen-free, fire-protection-tested and extremely resistant control cables according to EN 50306-4 for use in railway vehicles.

Benefits

- For protection against personal injury and damage to property.
- Compliant with standards for use in railway vehicles: fire safety and cable design requirements according to DIN EN 50306-4, type MM; fire behaviour test according to DIN EN 45545-2, hazard levels HL1, HL2 and HL3.
- Fire behaviour also certified in accordance with NF testing standards from AFNOR (depending on the item, see Technical Data).
- Electron beam cross-linked insulating material enables use at very low and high temperatures (see technical data).
- Halogen-free and highly flame-retardant materials reduce the risk of flame propagation, high smoke density and toxic flue gases in the event of a fire.
- Space saving due to reduced wall thicknesses.

- Wide range of uses in railway vehicles.
- Typical areas of application are control/monitoring circuits, locking circuits and the wiring of equipment.
- For fixed, protected installation and for applications where limited movement can be expected.
- Can be used in dry, damp and especially in harsh and oily environments.
- The electron beam cross-linked polymer compound is highly resistant to oils, fuels, alkalis and acids.
- Suitable for outdoor use.
- Flexible use at temperatures down to -35 °C.







Power and control cables



Technical Data



Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000104 ETIM 5.0/6.0 Class-Description: Control cable



Core identification code White with black numbers



Conductor stranding SRC (special round conductor) 19 or 37 vires acc. to EN 50306-1



Minimum bending radius Fixed installation:

5 x outer diameter Occasional flexing: 10 x outer diameter 4



U₀/U: 300/500 V AC acc. to EN 50306 U_: 550 V AC



Test voltage 3,5 kV AC; 8,4 kV DC



Protective conductor G = with GN-YE protective conducto = without protective conductor



Temperature range Fixed installation:

-45 °C to +125 °C (20.000 h) -50 °C acc. to GOST 20.57.406-81 Occasional flexing: -35 °C to +105 °C Short circuit: +160 °C (5s)

ÖLFLEX[®] TRAIN 315 C TW-P 300V

Halogen-free, fire-protection-tested and extremely resistant and screened control cables based on EN 50306-4 for use in railway vehicles.

Benefits

- For protection against personal injury and damage to property.
- Compliant with standards for use in railway vehicles: fire safety and cable design requirements based on DIN EN 50306-4, type MMS; fire behaviour test according to DIN EN 45545-2, hazard levels HL1, HL2 and HL3.
- Fire behaviour also certified in accordance with NF testing standards from AFNOR (depending on the item, see Technical Data).
- Electron beam cross-linked insulating material enables use at very low and high temperatures (see technical data).
- Ideal protection against electromagnetic interference thanks to copper stranded screening with a high degree of coverage.
- Halogen-free and highly flame-retardant materials reduce the risk of flame propagation, high smoke density and toxic flue gases in the event of a fire.
- Space saving due to reduced wall thicknesses.

Application ranges

- Wide range of uses in railway vehicles.
- Especially for environments where electromagnetic compatibility (EMC) is required.
- Typical areas of application are control/monitoring circuits, locking circuits and the wiring of equipment.
- For fixed, protected installation and for applications where limited movement can be expected.
- Can be used in dry, damp and especially in harsh and oily environments.
- The electron beam cross-linked polymer compound is highly resistant to oils, fuels, alkalis and acids.
- Suitable for outdoor use.
- Flexible use at temperatures down to -35 °C.





Data cables



Technical Data



Peak operating voltage (not for power applications) 125 V



Minimum bending radius Flexing: 8 x outer diameter Fixed installation: 4 x outer diameter



Test voltage Core/core: 2000 V Core/screen: 2000 V



Characteristic impedance nom. 100 W acc. to IEC 61156-6

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emperature range able halogen free compound

Fixed installation: -30 °C to +80 °C Occasional flexing: -5 °C to +50 °C UL: +80 °C Cable with PVC jacket Fixed installation: -40 to +80 °C Occasional flexing: -5 °C to +50 °C UL: +60 °C

ETHERLINE[®] Cat.6_A FLEX FC

Flexible Cat.6_A-Ethernet cable with Fast Connect design, for applications with limited space and short transmission distances.

Benefits

- The "Fast Connect" design, including inner sheath and cross separator, significantly reduces the cable assembly time by eliminating the time-consuming removal of the pair screening. It also provides undiminished screening of the core pairs.
- Additional protection against electromagnetic interference thanks to double overall screening made of aluminium-laminated foil and copper stranded screening with a high degree of coverage (SF/UTP).
- UL certification according to technical data enables the product to be used in the North American market.
- Fast information exchange through Ethernet technology.
- Cat.6, performance up to 10 Gbit/s.
- For transmission of analogue and digital signals in the frequency range up to 500 MHz.
- Available with robust PVC outer sheath or halogen-free FRNC outer sheath.

- Also suitable for EtherCAT and EtherNET/IP applications.
- The "FLEX" variant with reduced conductor cross-section is suitable for applications with limited space.
- For flexible use.
- Can be used in dry, damp or wet environments.
- Suitable for many applications, depending on the sheath material.







Power and control cables



Technical Data



Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC001578

ETIM 5.0/6.0 Class-Description: Flexible cable



Core identification code According to EN 60445 red, white, green-yellow

Conductor stranding Extra-fine wire according to VDE 0295,



Minimum bending radius

class 6/IEC 60228 class 6

Flexing: up from 7.5 x outer diameter (at temperatures < 70 °C) up from 10 x outer diameter (at max. temperature of 105 °C) Fixed installation: 4 x outer diameter

Nominal voltage 4 DC (core-ground): max. 0,75 kV DC (core-core): max. 1,5 kV



Test voltage



4000 V

Protective conductor
G = with GN-YE protective conductor
X = without protective conductor



Temperature range Flexing: -40 °C to +105 °C Fixed installation: -50 °C to +105 °C

ÖLFLEX[®] DC CHAIN 800

Highly flexible TPE power cable for direct current grids. Connects moving machine parts to the DC grid via cable chains.

Benefits

- Durable cable chain use with long travel distances or high acceleration (LAPP performance class "Extended Line").
- Particularly short core stranding allows small bending radii.
- Outer sheath made of specially designed thermoplastic polymer is highly chemical resistant and has increased oil resistance in accordance with DIN EN 50363-4-1 (TM5).
- Tested resistance to ECOLAB[®] disinfectants and cleaning agents.
- With current colour code according to DIN EN 60445 for direct current systems.

- For direct current applications in the low voltage range.
- For connecting moving electrical system components to the direct current grid.
- The cable design allows flexible, continuously flexing use in moving machine parts and in the cable chain.
- Can be used in dry, wet and especially in harsh and oily environments.
- Suitable for light to medium mechanical stress.
- Suitable for outdoor use.
- Flexible use at temperatures down to -40 °C









Power and control cables



Technical Data



Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000104

ETIM 5.0/6.0 Class-Description: Control cable



Core identification code Power cores: red, white, green-yellow Control core pairs: refer to data sheet



Conductor stranding

Fine wire according to VDE 0295 Class 5/ IEC 60228 Class 5



Minimum bending radius Occasional flexing: 20 x outer diameter

Fixed installation: 6 x outer diameter



DC (core-core): max. 1,5 kV



Test voltage

Core/Core: 4 kV Core/Screen: 2 kV Protective conductor G = with GN-YE protective conductor X = without protective conductor



Temperature range Occasional flexing: -5 °C to +70 °C Fixed installation: -40 °C to +80 °C

ÖLFLEX[®] DC SERVO 700

PVC power cable for DC networks, with integrated Cat.6_A conductor bunch. Connects frequency converters to the DC grid.

Benefits

- Compatible with servo drives from leading manufacturers.
- Hybrid cable combines supply cores, control core pairs and high-frequency signal cores.
- Integrated, double-screened Cat.6, conductor bunch enables data transmission without a separate data cable.
- With current colour code according to DIN EN 60445 for direct current systems.

Application ranges

- For direct current applications in the low voltage range.
- For connecting a frequency converter to the direct current grid.
- For fixed installation and occasional flexing without tensile strain.
- Can be used in dry and damp environments.
- Suitable for medium mechanical stress.
- The PVC outer sheath is resistant to acids and alkalis, and to oil to a limited degree.
- Suitable for outdoor use, subject to the temperature range.





Power and control cables



Technical Data



Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC001578 ETIM 5.0/6.0 Class-Description:

Flexible cable



Core identification code According to EN 60445 red, white, green-yellow



Conductor stranding Extra-fine wire according to VDE 0295, class 6/IEC 60228 class 6



Torsion Torsion load max. ± 360 °/m

Minimum bending radius

For flexible use: 12,5 x outer diameter Fixed installation: 4 x outer diameter

Nominal voltage DC (core-ground): max. 0,75 kV DC (core-core): max. 1,5 kV



Test voltage 4000 V



Protective conductor G = with GN-YE protective conductor X = without protective conductor



Temperature range Flexing: -35 °C up to +90 °C Fixed installation: -50 °C to +90 °C

ÖLFLEX[®] DC ROBOT 900

Highly flexible, weather-resistant PUR power cable for direct current grids. Connects industrial robots or handling devices to the DC grid.

Benefits

- Highly flexible cable design means maximum product performance.
- Special core stranding allows simultaneous bending and twisting (torsion angle up to $\pm 360^{\circ}/m$).
- Durable, resistant product thanks to the outer sheath PUR material that is resistant to abrasions, notches and cuts.
- Extremely weather-resistant with a wide temperature range.
- Tried-and-tested cable, successfully tested for 5 million torsion cycles.
- With current colour code according to DIN EN 60445 for direct current systems.

- For direct current applications in the low voltage range.
- For connecting industrial robots or handling devices to the direct current grid.
- The cable design allows flexible, continuously flexing use under torsional stress in industrial robots and handling devices.
- Can be used in dry, wet and especially in harsh and oily environments.
- The PUR outer sheath withstands high mechanical loads.
- The PUR outer sheath is resistant to mineral oil-based lubricants and highly resistant to chemicals.
- Suitable for outdoor use.
- Flexible use at temperatures down to -35 °C.







Cable glands

Tools and accessories for cable glands



Technical Data



Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000441 TIM 5.0/6.0 Class-Description:

Cable screw gland



Colour delivered Sealing: RAL 5015 (sky blue)



Materia Body: stainless steel - V4A (1.4404/316L) ling: special elastomer (FKM)



Femperature range -20 °C up to 220 °C

SKINDICHT[®] E-M HYGIENIC

Stainless steel enlarger for hygiene-critical areas, mechanical and chemical resistance, best possible sealing according to IP 68 or IP 69, with ECOLAB[®] and NSF certification.

Benefits

- Hygienic design with smooth surfaces and contours without corners and edges prevents residues such as liquids and micro-organisms from accumulating and posing a risk of contamination for food processing machinery. This facilitates simple, frequent and safe product cleaning.
- Corrects the size difference between the connection thread of a cable gland and the threaded borehole in a housing.
- Flexibility in selecting a cable gland, as the selection is independent of the threaded boreholes in the housing.
- Multiple food and beverage certifications for Europe and North America.
- Tested resistance to ECOLAB[®] disinfectants and cleaning agents.
- The best possible sealing enables protection classes IP 68 (10 bar) and IP 69.
- Sealing material compliant with FDA 21 CFR 177.2600, specifically for the food industry in North America.
- Certified according to NSF/ANSI 169 for use in hygiene-critical areas in North America (Standard: Special Purpose Food Equipment and Devices/for Use in Food Zone Non Contact).
- Sealing material in blue to easily distinguish the cable glands used in the food industry.

- For use with metric SKINTOP[®] HYGIENIC/SKINTOP[®] INOX M cable glands with a bigger connection thread than the existing threaded boreholes.
- Especially for hygiene-critical areas of the food industry, where the product needs to be installed in the product zone or in the direct food production environment.
- Also suitable for use in hygiene-critical areas of the pharmaceutical and chemical industry.
- Withstands high chemical and mechanical loads.









Cable glands

Tools and accessories for cable glands



Technical Data



Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000441 TIM 5.0/6.0 Class-Description:

Cable screw gland



Colour delivered Sealing: RAL 5015 (sky blue)



Materia Body: stainless steel - V4A (1.4404/316L) ling: special elastomer (FKM)



Femperature range -20 °C up to 220 °C

SKINDICHT[®] R-M HYGIENIC

Stainless steel reducer for hygiene-critical areas, mechanical and chemical resistance, best possible sealing according to IP 68 or IP 69, with ECOLAB® and NSF certification.

Benefits

- Hygienic design with smooth surfaces and contours without corners and edges prevents residues such as liquids and micro-organisms from accumulating and posing a risk of contamination for food processing machinery. This facilitates simple, frequent and safe product cleaning.
- Corrects the size difference between the connection thread of a cable gland and the threaded borehole in a housing.
- Flexibility in selecting a cable gland, as the selection is independent of the threaded boreholes in the housing.
- Multiple food and beverage certifications for Europe and North America.
- Tested resistance to ECOLAB[®] disinfectants and cleaning agents.
- The best possible sealing enables protection classes IP 68 (10 bar) and IP 69.
- Sealing material compliant with FDA 21 CFR 177.2600, specifically for the food industry in North America.
- Certified according to NSF/ANSI 169 for use in hygiene-critical areas in North America (Standard: Special Purpose Food Equipment and Devices/for Use in Food Zone Non Contact).
- Sealing material in blue to easily distinguish the cable glands used in the food industry.

Application ranges

- For use with metric SKINTOP[®] HYGIENIC/SKINTOP[®] INOX M cable glands with a smaller connection thread than the existing threaded boreholes.
- Especially for hygiene-critical areas of the food industry, where the product needs to be installed in the product zone or in the direct food production environment.
- Also suitable for use in hygiene-critical areas of the pharmaceutical and chemical industry.
- Withstands high chemical and mechanical loads.







Connectors

Data connectors



Technical Data



Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC001122

TIM 5.0/6.0 Class-Description: Fibre optic connector



Temperature range Operating temperature: -25 °C to +70 °C Storage: -25 °C to +70 °C

EPIC[®] DATA FFC-LC connector

Field-configurable LC connector for GOF fibre optic cables, available in different variants from the FFC system for simple and fast on-site assembly.

Benefits

- The field-configurable LC connectors for GOF fibre optic cables are prepared and tested at the factory so they are ready for onsite assembly.
- FFC (Fibre Fast Connect) system for simple and fast assembly, even in restricted spaces. Complex process steps, special tools and a laboratory environment for assembly are no longer required.
- With refraction index gel for constant and excellent optical values.
- Serial numbers on the individual connectors ensure complete traceability.
- Connectors can be assembled up to 3 times, making them flexible to use.
- Connector faces of the LC connector in accordance with DIN EN IEC 61754-20.
- Available with different cut types (APC, UPC or PC).
- Available in different GOF fibre categories (OM3/OM4 and OS2).
- Available as a set in the cable variant (diameter 2 or 3 mm) or core variant (diameter 0.25 or 0.90 mm).

Application ranges

- For creating a pluggable glass fibre connection.
- For use in backbone network areas.
- For cabling buildings and data centres.
- For use in control cabinets.
- For use with the EPIC[®] DATA FFC-LC assembly accessories and the EPIC[®] DATA FFC-LC starter kit.



Connectors

Data connectors



Technical Data



Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC001122

TIM 5.0/6.0 Class-Description: Fibre optic connector



Temperature range Operating temperature: -25 °C to +70 °C Storage: -25 °C to +70 °C

EPIC[®] DATA FFC-SC connector

Field-configurable SC connector for GOF fibre optic cables, available in different variants from the FFC system for simple and fast on-site assembly.

Benefits

- The field-configurable SC connectors for GOF fibre optic cables are prepared and tested at the factory so they are ready for onsite assembly.
- FFC (Fibre Fast Connect) system for simple and fast assembly, even in restricted spaces. Complex process steps, special tools and a laboratory environment for assembly are no longer required.
- With refraction index gel for constant and excellent optical values.
- Serial numbers on the individual connectors ensure complete traceability.
- Connectors can be assembled up to 3 times, making them flexible to use.
- Connector faces of the SC connector in accordance with DIN EN IEC 61754-4.
- Available with different cut types (APC, UPC or PC).
- Available in different GOF fibre categories (OM3/OM4 and OS2).
- Available as a set in the cable variant (diameter 2 or 3 mm) or core variant (diameter 0.25 or 0.90 mm).

- For creating a pluggable glass fibre connection.
- For use in backbone network areas.
- For cabling buildings and data centres.
- For use in control cabinets.
- For use with the EPIC[®] DATA FFC-SC assembly accessories and the EPIC[®] DATA FFC-SC starter kit.





Tools and accessories for fibre optic cables



Technical Data



Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC001122

ETIM 5.0/6.0 Class-Description: Fibre optic connector

EPIC[®] DATA FFC-LC assembly accessories

Spare components for EPIC[®] DATA FFC-LC starter kit, for easy assembly of FFC-LC connectors, available as a cable assembly set and LC fibre guide.

Benefits

- Assembly accessories as useful equipment for easy assembly of Fibre Fast Connect LC connectors for GOF fibre optic cables.
- Cable assembly set for secure insertion of the glass fibre into the connector and for simplified attachment of the strain relief by fastening the aramide fibres on the side.
- Cable clamps for securing cables with diameters of 2 or 3 mm.
- Fibre guide for secure insertion of the glass fibre into the connector and for attachment of the strain relief by manually fastening the aramide fibres.
- Precise identification of the offset dimensions on the core using the markings on the fibre guide.

- For field assembly of Fibre Fast Connect LC connectors for GOF fibre optic cables.
- Can be used as spare components for the EPIC[®] DATA FFC-LC starter kit.







Tools and accessories for fibre optic cables



EPIC[®] DATA FFC-SC assembly accessories

Spare components for EPIC[®] DATA FFC-SC starter kit, for easy assembly of FFC-SC connectors, available as a cable assembly set and SC fibre guide.

Benefits

- Assembly accessories as useful equipment for easy assembly of Fibre Fast Connect SC connectors for GOF fibre optic cables.
- Cable assembly set for secure insertion of the glass fibre into the connector and for simplified attachment of the strain relief by fastening the aramide fibres on the side.
- Cable clamps for securing cables with diameters of 2 or 3 mm.
- Fibre guide for secure insertion of the glass fibre into the connector and for attachment of the strain relief by manually fastening the aramide fibres.
- Precise identification of the offset dimensions on the core using the markings on the fibre guide.

Application ranges

- For field assembly of Fibre Fast Connect SC connectors for GOF fibre optic cables.
- Can be used as spare components for the EPIC[®] DATA FFC-SC starter kit.



Tools and accessories for fibre optic cables



EPIC[®] DATA FFC-LC starter kit

Starter kit with field-configurable Fibre Fast Connect LC connectors, fibre separator and fibre guide; available with or without cable assembly set.

Benefits

- Starter kit as basic equipment with field-configurable Fibre Fast Connect LC connectors, fibre separator and fibre guide.
- Highly precise fibre separator (cleaver) for shortening the glass fibres by means of a straight cut (PC) or slanting cut (UPC/ APC). This achieves ideal return loss values.
- The maintenance-free cleaver can be used up to 200 times and has a mechanical, visually readable counter.
- The fibre clamp is used to hold the core in place and prevent the glass fibre from being pulled back.
- With a red marking on the fibre clamp for an exact offset of the glass fibre.
- Available with different cut types (APC, UPC or PC).
- Available in different GOF fibre categories (OM3/OM4 and OS2).
- Available as a set in the cable variant (diameter 2 or 3 mm) or core variant (diameter 0.25 or 0.90 mm).
- Available as a variant with or without cable assembly set.

Application ranges

- For creating a pluggable glass fibre connection.
- For field assembly of Fibre Fast Connect LC connectors for GOF fibre optic cables.



Tools and accessories for fibre optic cables



Technical Data



Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC001122

ETIM 5.0/6.0 Class-Description: Fibre optic connector

EPIC[®] DATA FFC-SC starter kit

Starter kit with field-configurable Fibre Fast Connect SC connectors, fibre separator and fibre guide; available with or without cable assembly set.

Benefits

- Starter kit as basic equipment with field-configurable Fibre Fast Connect SC connectors, fibre separator and fibre guide.
- Highly precise fibre separator (cleaver) for shortening the glass fibres by means of a straight cut (PC) or slanting cut (UPC/ APC). This achieves ideal return loss values.
- The maintenance-free cleaver can be used up to 200 times and has a mechanical, visually readable counter.
- The fibre clamp is used to hold the core in place and prevent the glass fibre from being pulled back.
- With a red marking on the fibre clamp for an exact offset of the glass fibre.
- Available with different cut types (APC, UPC or PC).
- Available in different GOF fibre categories (OM3/OM4 and OS2).
- Available as a set in the cable variant (diameter 2 or 3 mm) or core variant (diameter 0.25 or 0.90 mm).
- Available as a variant with or without cable assembly set.

Application ranges

- For creating a pluggable glass fibre connection.
- For field assembly of Fibre Fast Connect SC connectors for GOF fibre optic cables.



Tools and accessories for fibre optic cables



HITRONIC[®] FO tool kit

Complete tool kit for preparing GOF fibre optic cables and connectors; with tools and cleaning agents and other accessories available individually.

Benefits

- All common tools and cleaning agents as well as the necessary accessories for preparing GOF fibre optic cables and connectors under one article number.
- Aramide shears with special cutting edge for easy cutting of aramide fibres.
- Compact red light source with clearly visible light for continuity testing of fibre optic cables and for optical break or fault identification.
- Fibre stripping pliers with die for common diameters for stripping the individual layers of the fibres.
- Lint-free cleaning cloths and cleaning agents with a practical 3-way dispenser for simple and thorough cleaning of the fibres.
- Tweezers and container for safe collection and storage of fibre residues.
- Ferrule cleaner for safe and easy cleaning of 1.25 mm and 2.5 mm ferrules. Can be used for up to 800 cleaning operations.
- Cleaning cartridge for removing dirt from the connector end surfaces with automatic feed after cleaning.
- Stocked tool bag with an adjustable hip belt for optimum carrying comfort and several inner compartments for plenty of storage space.

Application ranges

- For the correct assembly and installation of Fibre Fast Connect connectors on GOF fibre optic cables.
- Tool bag only available fully filled. Consumables can be re-purchased individually.



Tools



Technical Data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000168 TIM 5.0/6.0 Class-Description: Crimp tool cable lugs, cable end sleeves, screen connection



Pressing length: up to 16 mm Crimping profile: Square

PEW TWISTOR[®] crimping tool

Crimping tool with 360° rotatable crimping insert, for front or side insertion, available with square or trapezoidal compression, ergonomic handles.

Benefits

- Crimping insert that can be rotated 360° enables the tool to be optimally adjusted to suit changing assembly conditions.
- Properties of crimping tools with front and side insertion combined into one tool.
- Perfect for tight or changing environments. Side insertion ensures an ergonomically optimal crimping process, while front insertion is particularly suitable for tight environments and machines.
- Cover a large cross-section range without adjusting the crimping tool.
- For conductor end sleeves with a cross-section range of up to 10 mm² or 16 mm², depending on the variant.
- For TWIN conductor end sleeves with a cross-section range of up to $2 \times 6 \text{ mm}^2$.
- Crimping of extra-long conductor end sleeves up to 16 mm or 18 mm is possible, depending on the variant.
- Ergonomic handles and optimised power transmission enable fatigue-free work.

Application ranges

- For pressing insulated and non-insulated conductor end sleeves as well as TWIN conductor end sleeves according to DIN 46228.
- "TWISTOR[®] 16" variant for square pressing of conductor end sleeves.
- "TWISTOR[®] T" variant for trapezoidal pressing of conductor end sleeves.



LEGEND

NEW PRODUCT



PRODUCT EXTENSION



PRODUCT CHARACTERISTICS Suitable for Maximum vibration outdoor use protection Mechanical Good chemical resistance resistance Flame-retardant Assembly time MAX. Wide clamping range Low weight Halogen-free Oil-resistant Optimum strain Heat-resistant relief Cold-resistant Space requirement Cable chain Corrosion-resistant



Please note:

The purpose of the icons is to provide you with a quick overview and a rough indication of the product features to which the corresponding information relates. You can find details of product characteristics in the "technical data" sections on the product pages.











Note: A detailed article list is available online or from your contact person.



Click or Scan

Due to the current material shortages, delivery times may be longer.













SILVYN[®] Protective cable conduit systems and cable carrier systems







