

Food & Beverage

# CABLES & ACCESSORIES



**( Channeling  
POWER )** 

# Washdown-resistant Cables

## PVC & TPE jackets withstand ECOLAB® cleaning and disinfectant agents

The cable families were tested in accordance with ECOLAB® test PM 40-1, which requires cables to be completely immersed in the various cleaning/disinfecting substances for up to 28 days at constant room temperature. Upon completion of the immersion test, cables are then subjected to visual inspection to see if any swelling, brittleness or discoloring has occurred in comparison to the cables immersed in demineralized water.

The test was performed with various cleaning and disinfecting agents for the food and beverage industry:

- **Topactive 200** - Alkaline, chlorine-free foam cleaner
- **Topactive 500** - Acid foam cleaning substance
- **P3-topax 66** - Alkaline foam cleaning detergent with active chlorine for machine cleaning
- **P3-topactive OKTO** - Acid disinfectant based on peracetic acid/hydrogen peroxide
- **P3-topax 990** - Neutral, non-oxidizing disinfecting agent for foam applications
- **Distilled water** - acts as a zero value

## Control Cables

### TRAYCONTROL® 300

300V, Flexible, Oil-resistant, PLTC-ER, ITC-ER, NFPA 79

**Variants:** 300-C (shielded), 300 TP (twisted pairs), 300-C TP (shielded, twisted pairs)



### TRAYCONTROL® 500

600/1000V, Flexible, Oil-resistant, TC-ER, PLTC-ER, ITC-ER, NFPA 79

**Variants:** 500-C (shielded), 530 (blue conductors), 550 TPE (blue conductors, TPE jacket)



### TRAYCONTROL® 600

600/1000V, Flexible, Oil-resistant, TC-ER, PLTC-ER, ITC-ER, NFPA 79

**Variants:** 600-C (shielded), X (XLPE insulation)



### TRAYCONTROL® 670 HDP

600/1000V, Flexible, Oil-resistant, TC-ER, Heavy-duty Motor Power Supply Cable, NFPA 79

**Variants:** 670-C HDP (shielded)



### MULTIFLEX 600

600/1000V, Flexible, Oil-resistant, TC-ER, PLTC-ER, ITC-ER, NFPA 79

**Variants:** 600-C (shielded)



## Servo & Feedback Cables

### TOPSERV® PUR 109

600/1000V, Highly Flexible Motor & Servo Cable, EMC-preferred Type, Without Control Conductors

**Variants:** 113 (1 control pair), 121 (2 control pairs)



### TOPGEBER® 512 PUR

Highly Flexible Feedback Cable acc. to Various OEM Standards



## VFD Motor Cables

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### TOPFLEX® 600 VFD

600/1000V, EMC-preferred Type, Flexible Motor Power Supply Cable, Oil-resistant, NFPA 79

**Variants:** 650 VFD (1 or 2 control pairs)



### TOPFLEX® 1000 VFD

600/1000V, EMC-preferred Type, Flexible Motor Power Supply Cable w/ 3 Symmetrical Ground Conductors, Oil-resistant, NFPA 79



### TOPSERV® 600 VFD

600/1000V, EMC-preferred Type, Flexible Motor Power Supply Cable, Oil-resistant, NFPA 79

**Variants:** 650 VFD (1 or 2 control pairs)



## Accessories

### Conduit & Glands

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HELUKABEL's hygienic accessories range includes:

- HELUTOP® HT-Clean stainless steel cable glands
- Anaconda Sealtite® NMFG-Clean protective conduit
- LT-FG-Clean stainless steel hose fittings

All three have smooth surfaces that prevent dangerous organisms from taking hold and enable easy, fast and inexpensive cleaning. Sterilization can also be done using high-pressure cleaning equipment. Furthermore, they are resistant to chemical cleaning agents, prevent the formation of contaminants, and do not allow foreign bodies to penetrate the casing.



#### HELUTOP® HT-Clean

Stainless Steel

Protection Class: IP68 & IP69K

FDA 21 CFR 177.1210 Compliant



#### Anaconda Sealtite® NMFG-Clean

Protection Class: IP67

Operating Temperature: -35°C — +60°C

FDA CFR 21 & NSF 51 Compliant



#### LT-FG-Clean

Protection Class: IP67

Operating Temperature: -45°C — +105°C

FDA CFR 21 & NSF 51 Compliant

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