TOPFLEX® 611-PUR

TOPFLEX® 611-PUR motor power supply cable 0,6/1 kV, cable for drag chain, halogen-free, meter marking

Technical data

Special-PUR drag chain cable
adapted to DIN VDE 0293, 0295, 0550, DIN VDE 0285-525-1 / DIN EN 50525-1
Temperature range
flexing -30°C to + 80°C
fixed installation -40°C to +80°C
Nominal voltage U_0/U 600/1000 V
Test voltage 4000 V
Insulation resistance
min. 20 MOhm x km
Min. bending radius
flexing 7,5x cable Ø
fixed installation 4x cable Ø

Cable structure

Bare copper-conductor, to DIN VDE 0295 cl. 6, extra fine-wire, BS 6360 cl.6, IEC 60228 cl. 6
Core insulation of PP
Core identification to DIN VDE 0293
black cores with continuous white numbering
GN-YE conductor
Cores stranded together with optimal lay-length and stabilising filler
Fleece wrapping facilitates sliding
Outer sheath of PUR
Sheath colour grey (RAL 7001)
with meter marking

Properties

Adhesion-free, extremely abrasion resistant, halogen-free, resistant to hydrolysis and microbial attack
resistan to UV-radiation, oxygen and ozone
The materials used in manufacture are cadmium-free and contain no silicone and free from substances harmful to the wetting properties of lacquers

Note

G = with green-yellow conductor
For extreme applications extrending beyond standard solutions we recommend that you request our questionnaire, which has been especially designed for energy supply systems.
Please observe applicable intallation regulations for use in energy supply chains.
screened analogue type:
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Application

As optimized supply cable for the supply to motors, in particular to DNC motors, servo-motors. Theses cables are specially designed for use in power drag chins, handling equipment, robotics, tooling machinery, processing and manufacturing machinery. Optimised insulation materials ensure resistance to oils (including mineral oils), greases, coolants, hydraulic fluids as well as many alkalis and solvents. Favorable outer diameters, reduced weights and enhanced torsion characteristics assure the use in multi-layer operations with extremely high continuous bending loads. Suitable for outdoor use.
CE = The product is conformed with the EC Low- Voltage Directive 2006/95/EC.

Part No.	No. cores x cross-sec. mm²	Outer Ø approx. mm	Cop. weight kg/km	Weight approx. kg/km	AWG-No.
22870	4 G 1,5	8,0	58,0	125,0	16
22871	4 G 2,5	10,8	95,0	215,0	14
22872	4 G 4	12,5	154,0	310,0	12
22873	4 G 6	14,8	231,0	470,0	10
22874	4 G 10	18,8	384,0	760,0	8
22875	4 G 16	22,8	615,0	1250,0	6
22876	4 G 25	26,9	960,0	1510,0	4
22877	4 G 35	30,7	1344,0	2100,0	2
22978	4 G 50	36,5	1920,0	2950,0	1
22979	4 G 70	41,6	2640,0	4090,0	2/0
22980	4 G 95	48,2	3648,0	5580,0	3/0
22981	4 G 120	51,6	4608,0	7040,0	4/0