

TRAXLINE CONTROL 700 600 V

Unshielded continuous bending hi-flex PUR control cables



Picture obtainable.



Core insulation
PP
bundled stranding
(> 8 cores)



Outer jacket
PUR
valley-sealed extruded
hi-flex design
extremely abrasion-
resistant



Jacket colour black
ozone-resistant
UV-resistant

Up to
7 million
motion cycles!

Up to
500 m
travel length!

TSUBAKI KABELSCHLEPP
TRAXLINE
cables for
cable carriers



Developed for

- systems engineering and mechanical engineering
- crane and conveyor equipment
- monitoring, measuring and control cables
- extremely heavy loads

Properties

- hi-flex design
- oil-resistant
- UV-resistant
- REACH/RoHS II
- halogen-free
- high abrasion resistant
- metermarked
- CFC-free
- silicone-free
- flame-retardant
- ozone-resistant
- NEK606

Design

Conductor: conductors class 6
of bare copper wires
in an optimized hi-flex design

Center element: type-dependent

Core insulation: PP

Core identification: black with white numbers,
protective conductor green/yellow

Core stranding: conductor cores bundled in short pitches
with minimal torsion (> 8 cores)
conductor cores layered in short pitches
with minimal torsion (≤ 8 cores)

Outer jacket: PUR

Jacket colour: black

Technical Data

Temperature range
while moved: – 35 to + 90 °C

Minimum bend radius
while moved: $KR_{min} \geq 7.5 \times \varnothing$

v_{max} supported: 20 m/s

v_{max} gliding: 5 m/s

a_{max}: 50 m/s²

Insulation resistance: $\geq 30 \text{ M}\Omega \times \text{km}$

Rated voltage: according to VDE 300/500 V
according to UL 600 V

Approvals: CURus,
based on VDE

varying parameters possible – please contact us

Type selection

TRAXLINE CONTROL 700 600 V – unshielded

core number x nominal-cross-section in mm ²	part number	max. Ø mm	cable weight kg/m	copper weight kg/m
2 x 0.5 ²	45391	5.8	0.039	0.010
3 G 0.5 ²	45392	6.1	0.045	0.014
4 G 0.5 ²	45393	6.6	0.053	0.020
7 G 0.5 ²	45396	8.1	0.085	0.035
12 G 0.5 ²	45400	10.7	0.139	0.060
15 G 0.5 ²	45401	11.7	0.162	0.072
16 G 0.5 ²	45402	12.0	0.178	0.077
36 G 0.5 ²	45412	18.2	0.392	0.198
49 G 0.5 ²	45415	21.8	0.539	0.236
3 G 0.75 ²	45421	6.6	0.055	0.023
4 G 0.75 ²	45422	7.2	0.069	0.031
5 G 0.75 ²	45423	7.8	0.083	0.038
7 G 0.75 ²	45425	9.0	0.108	0.053
12 G 0.75 ²	45429	11.9	0.181	0.096
18 G 0.75 ²	45431	14.3	0.257	0.146
25 G 0.75 ²	45434	16.3	0.362	0.209
36 G 0.75 ²	45436	20.2	0.517	0.270
3 G 1.0 ²	45441	7.0	0.067	0.029
4 G 1.0 ²	45442	7.6	0.082	0.044
5 G 1.0 ²	45443	8.2	0.097	0.048
7 G 1.0 ²	45445	9.5	0.125	0.070
8 G 1.0 ²	45446	10.3	0.145	0.077
12 G 1.0 ²	45449	12.7	0.216	0.125
18 G 1.0 ²	45451	15.4	0.315	0.210
25 G 1.0 ²	45454	17.7	0.437	0.302
18 G 2.5 ²	45497	22.0	0.696	0.450



Additional cable types upon request.

Sales terms and delivery conditions under kabelschlepp.de

More information:
traxline.com

kabelschlepp.de

Questions about cable carrier cables? Fon: +49 2762 4003-0