Treoflex PURö-JZ Polyurethane control cable, oil resistant

Technical Data

- **Conductor Material**
  Copper, Bare
- **Conductor Class**
  Class 5 acc. to VDE 0295 or IEC 60228
- **Core insulation**
  PVC
- **Core identification**
  Cores consecutive numbered (VDE 0293-1)
- **Stranding**
  Cores twisted in layers
- **Outer sheath**
  Polyeurthane
- **Sheath colour**
  Grey, RAL 7001
- **Rated voltage [V]**
  300/500
- **Testing Voltage**
  4000
- **Insulation resistance**
  > 20 MΩ x km
- **min. bending radius fixed [xd]**
  4 x d
- **min. bending radius moved [xd]**
  15 x d
- **working temp fixed min/max [C]**
  -40°C up to +80°C
- **working temp moved min/max [C]**
  -15°C up to +70°C
- **burning behaviour**
  IEC 60332-1: flame-retardant and self-extinguishing

Design:

- bare copper stranded conductor
- stranding acc. to VDE 0295 class 5
- PVC insulated cores
- cores consecutive numbered
- protective conductor: green/yellow
- cores twisted in layers
- PUR outer sheath
- colour of sheath grey, RAL 7001

Note

- G = with green-yellow earth core;
- X = without green-yellow earth core.

Application:

Control cable with high abrasion and tear resistant properties. Also resistant to mineral oils, especially to coolant emulsions and UV-radiation. Suitable for use in the machine, plant and tool making industry. For installation in moist and wet rooms and outdoors.

Part Number	No. of cores x cross-sec. mm²	Outer Ø ca. mm	Cop.weight kg/km	Weight kg/km
TA60.0005.02	2 x 0.5	4.8	9.6	45.0
TA60.0005.03	3 G 0.5	5.1	14.4	55.0
TA60.0005.04	4 G 0.5	5.7	19.0	65.0
TA60.0005.05	5 G 0.5	6.2	24.0	75.0
TA60.0005.07	7 G 0.5	7.2	33.6	90.0
TA60.0005.12	12 G 0.5	9.1	58.0	135.0
TA60.0005.18	18 G 0.5	10.7	86.0	205.0
TA60.0005.25	25 G 0.5	13.2	120.0	270.0
TA60.0005.34	34 G 0.5	14.7	163.0	380.0
TA60.0005.42	42 G 0.5	15.8	202.0	415.0
TA60.0005.50	50 G 0.5	17.5	240.0	550.0
TA60.0007.02	2 x 0.75	5.4	14.4	44.0
TA60.0007.03	3 G 0.75	5.7	21.6	53.0
TA60.0007.04	4 G 0.75	6.2	29.0	64.0
TA60.0007.05	5 G 0.75	6.8	36.0	76.0
TA60.0007.07	7 G 0.75	8.1	50.0	96.0
TA60.0007.12	12 G 0.75	9.9	86.0	170.0
TA60.0007.18	18 G 0.75	11.9	130.0	260.0
TA60.0007.25	25 G 0.75	14.5	180.0	282.0
TA60.0007.34	34 G 0.75	16.3	245.0	475.0
TA60.0007.42	42 G 0.75	17.7	302.0	600.0
TA60.0007.50	50 G 0.75	19.4	360.0	720.0
TA60.0010.02	2 x 1	5.7	19.0	53.0
TA60.0010.03	3 G 1	6.0	29.0	63.0
TA60.0010.04	4 G 1	6.6	38.0	75.0
TA60.0010.05	5 G 1	7.1	48.0	89.0
TA60.0010.07	7 G 1	8.6	67.0	115.0
TA60.0010.12	12 G 1	10.7	115.0	201.0
TA60.0010.18	18 G 1	12.9	173.0	289.0
TA60.0010.25	25 G 1	14.9	240.0	380.0
TA60.0010.34	34 G 1	17.4	326.0	645.0
TA60.0010.42	42 G 1	18.8	403.0	730.0
TA60.0010.50	50 G 1	20.9	480.0	890.0

Part Number	No. of cores x cross-sec. mm²	Outer Ø ca. mm	Cop.weight kg/km	Weight kg/km
TA60.0015.02	2 x 1.5	6.2	29.0	68.0
TA60.0015.03	3 G 1.5	6.6	43.0	87.0
TA60.0015.04	4 G 1.5	7.2	58.0	106.0
TA60.0015.05	5 G 1.5	8.0	72.0	131.0
TA60.0015.07	7 G 1.5	9.6	101.0	173.0
TA60.0015.12	12 G 1.5	12.0	173.0	293.0
TA60.0015.18	18 G 1.5	14.1	259.0	454.0
TA60.0015.25	25 G 1.5	16.8	360.0	641.0
TA60.0015.34	34 G 1.5	19.5	490.0	945.0
TA60.0015.42	42 G 1.5	21.1	605.0	1100.0
TA60.0015.50	50 G 1.5	25.4	720.0	1250.0
TA60.0025.02	2 x 2.5	7.8	48.0	110.0
TA60.0025.03	3 G 2.5	8.3	72.0	146.0
TA60.0025.04	4 G 2.5	9.2	96.0	183.0
TA60.0025.05	5 G 2.5	10.1	120.0	222.0
TA60.0025.07	7 G 2.5	12.3	168.0	293.0
TA60.0025.12	12 G 2.5	15.3	288.0	512.0
TA60.0025.18	18 G 2.5	18.2	432.0	740.0
TA60.0025.25	25 G 2.5	22.3	600.0	940.0
TA60.0040.03	3 G 4	10.4	115.0	228.0
TA60.0040.04	4 G 4	11.4	154.0	291.0
TA60.0040.05	5 G 4	12.7	192.0	355.0
TA60.0040.07	7 G 4	14.0	269.0	503.0
TA60.0060.03	3 G 6	12.1	173.0	362.0
TA60.0060.04	4 G 6	13.4	230.0	468.0
TA60.0060.05	5 G 6	14.9	288.0	570.0
TA60.0060.07	7 G 6	16.5	403.0	808.0
TA60.0100.04	4 G 10	16.9	384.0	720.0
TA60.0100.05	5 G 10	18.7	480.0	894.0
TA60.0100.07	7 G 10	20.9	672.0	1295.0
TA60.0160.04	4 G 16	19.8	614.0	1063.0
TA60.0160.05	5 G 16	22.2	768.0	1400.0
TA60.0250.04	4 G 25	29.4	960.0	1590.0
TA60.0350.04	4 G 35	32.8	1344.0	2200.0
TA60.0500.04	4 G 50	38.9	1920.0	2400.0
TA50.0700.04	4 G 70	44.7	2688.0	4400.0
TA60.0950.04	4 G 95	50.0	3648.0	6000.0