

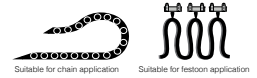
SERVO CABLES

FLEXIDRUM® T 300

TPE/PUR motor connection cable, 0,6/1 kV



ELETTROTEK KABEL® FLEXIDRUM® T 300



Construction:

Conductor:	flexible red copper conductor Cl. 6 acc to IEC 60228, DIN VDE 0295
Insulation:	special TPE compound
Colour cores:	black cores with consecutive numbers acc. to EN 50334 green-yellow from 3 cores
Stranding:	In layers + fillers
Wrapping:	non-woven tape
Outer sheath:	orange (RAL 2003), special PUR compound

Resistance:



Self-extinguishing and flame retardant acc.to:
DIN VDE 0482 part 265-2-1
EN 50265-2-1
IEC 60332-1-2
(equivalent DIN VDE 0472 part 804 test method B)



Oil resistance:
very good TMPU acc. to DIN VDE 0282 part 10
+ HD 22.10, acc. to DIN VDE 0473 part 811-2-1,
EN 60811-2-1
EC 60811-2-1



Halogen free acc.to:
DIN VDE 0472 part 815
IEC 60754-1

Technical data:

Nominal voltage:	U ₀ /U 0,6/1 kV
Test voltage:	4kV
Temperature range	
<i>Fixed laying:</i>	- 50°C up to + 90°C
<i>Flexible installation:</i>	- 40°C up to + 90°C
Radiation resistance:	5 x 10 ⁷ cj/kg
Min. bending radius	
<i>Fixed laying:</i>	4 x d
<i>Flexible installation:</i>	6 x d
<i>Continuously flexible:</i>	10 x d
Max speed (main application):	250 m/min

Features:

- very high flexible
- suitable for cable tracks
- oil resistant
- very long service life
- adhesion-free installation
- halogen-free
- labs uncritical
- flexible at low temperatures
- good against acids, alkalines, solvents, hydraulic liquids etc.
- for SPEEDS and MINIMUM BENDING RADIUS
see pages from 2 to 8 of catalogue

RoHS and CE approval



DESINA®

Part no.	No. of cores x cross section n x mm ²	Outer-Ø ca. mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no.*)
04130GG0041M15	4 G 1,5	8,5	57,6	102	16
04130GG0051M15	5 G 1,5	9,3	72	125	16
04130GG0041M25	4 G 2,5	10,7	96	160	14
04130GG0051M25	5 G 2,5	11,4	120	193	14
04130GG0041M40	4 G 4	12,4	153,6	247	12
04130GG0051M40	5 G 4	13,2	192	290	12
04130GG0041M60	4 G 6	15,1	230,4	351	10
04130GG0051M60	5 G 6	16,5	288	443	10
04130GG0041M61	4 G 10	17,5	384	552	8
04130GG0051M61	5 G 10	19,2	480	641	8
04130GG0041M62	4 G 16	21,2	614,4	796	6
04130GG0051M62	5 G 16	23,3	769	979	6
04130GG0041M63	4 G 25	24,3	960	1161	4
04130GG0051M63	5 G 25	26,8	1200	1433	4
04130GG0041M64	4 G 35	28,6	1344	1588	2
04130GG0041M65	4 G 50	32,3	1920	2212	1

Other dimension and colours available on request.